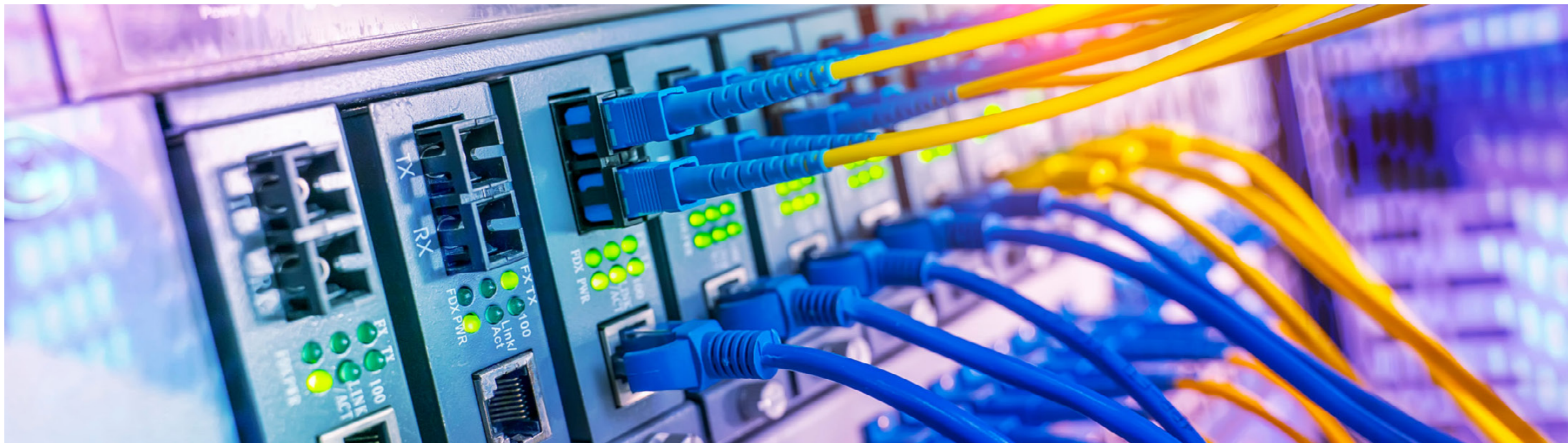


**ELSEWEDY**  
**CABLES**

**TELECOM**

# **TELCOM CABLING SOLUTIONS**

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## ABOUT ELSEWEDY ELECTRIC

### A leader in integrated energy, infrastructure, and digital solutions

**A global leader that has evolved from a local manufacturer of electrical products into an integrated infrastructure solutions provider; with over 18,000 employees and with recorded revenues of more than USD 4.8 billion in 2022.**

We Operate in five key business sectors: Wire, Cable & Accessories, Electrical Products, Engineering & Construction, Digital Solutions, and Infrastructure Investments. With a strong presence in 19 different countries, 31 production facilities spread across African and Asian countries including Egypt, Algeria, KSA, Qatar, Indonesia, Pakistan, and Tanzania. We export a wide range of high-end products to over 110 countries worldwide. At the heart of our approach is an all-in-one integrated Engineering, Procurement & Construction (EPC) service, enabling us to deliver the most complex turnkey projects on time and with the highest efficiency.

A vital part of our mission is ensuring that the communities where we operate develop and flourish. We work to facilitate the global transition toward a sustainable energy future, whereby we es-

tablished green energy projects and smart cities across Africa, the Middle East, and Eastern Europe. In alignment with our 2030 sustainability strategy, we aim to extend and enhance our positive impact, provide energy services to a growing customer base, and drive decarbonization, digitalization, and sustainable transition in Egypt and beyond.

Our growth has been driven by hiring talents and empowering businesses and communities where we operate. We enable customers to digitize and meet the challenges of an ever-changing world. Our extensive range of digital solutions allows them to become smarter, faster, and more agile. We are committed to doing our best to serve our customers while caring for the environment. We aim to use our knowledge of our environmental impact to better develop more sustainable business scenarios and evaluate our future policies.

# 85+

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## YEARS OF EVOLUTION

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# ELSEWEDY TELECOM CABLING SOLUTIONS

ELSEWEDY TELECOM CABLES, a subsidiary of ELSEWEDY ELECTRIC, manufactures and supplies end to end telecom infrastructure solution catering to various needs and applications, with the ability to manufacture multiple constructions based on the customer's needs.

With a strong presence in the industry since 2008, Elsewedy Telecom Cables complete infrastructure telecom solution ensures seamless compatibility, guaranteeing enhanced performance and reduced system losses. Our products are type test certified as well as an ISO 17025 certified factory lab, allowing internal accredited type tests guaranteeing high quality product.

**Our new offering includes Copper & Fiber Cabling solutions, Racks & Cabinets and OPGW.**

## ELSEWEDY TELECOM CABLES



**Located in**  
10th of Ramadan City, Egypt



**With**  
10,000 m<sup>2</sup>



**Established in 2008**  
As part of Elsewedy special Cables facility



**Telecom Cabling Products**  
Fiber Optic Cables - Copper Lan Cables



**1 Million fkm**  
As our Fiber optic capacity beside  
25,000 km of Lan cables



**High End Machines**  
From topnotch European brands i.e.,  
Rosendahle and Nextrom.









# PUBLIC NETWORK "FTX SOLUTION"









# LOCAL AREA NETWORK "LAN CABLING"





# LOCAL AREA NETWORK "LAN CABLING"

A carefully planned connectivity system designed to link devices and networks such as buildings, security, industry, and healthcare. It has features that make it an essential component of modern, there are several features that make Elsewedy structured cabling an essential component of modern LANs:

## PERFORMANCE

Elsewedy Telecom Cabling Solutions provide a high-performance and reliable data transmission

## MANAGEMENT

allows network administrators to manage the network easily and efficiently.

## SCALABILITY

makes it easy for organizations to expand their network without investing in additional cabling infrastructure.

## TIME SAVING

Clear instructions, minimal setup, and easy accessibility reduce installation time and cost

## COST-EFFECTIVENESS

Elsewedy Telecom Cabling Solutions offer lower long-term costs and require less maintenance and management..

## QUALITY:

High-quality standards and long-term warranties. This makes Elsewedy Telecom Cables products a reliable and efficient option for building networks

## ELSEWEDY TELECOM CABLING SOLUTIONS

Provide a complete cabling solution for businesses of all sizes.

## STANDARDS COMPLIANCE

Elsewedy Telecom Cables LAN solution comply with:

- ANSI/TIA-568, ISO/IEC 11801, ANSI/TIA-862,
- ANSI/TIA-568.3-D, ISO/IEC 24702
- IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt

# Primary Products

## 01



**Entrance Facility**  
00-00

## 02



**Equipment Room**  
00-00

## 03



**Riser Cable**  
00-00

## 04



**Telecommunication Room & Enclosure**  
00-00

## 05



**Horizontal Cabling**  
00-00

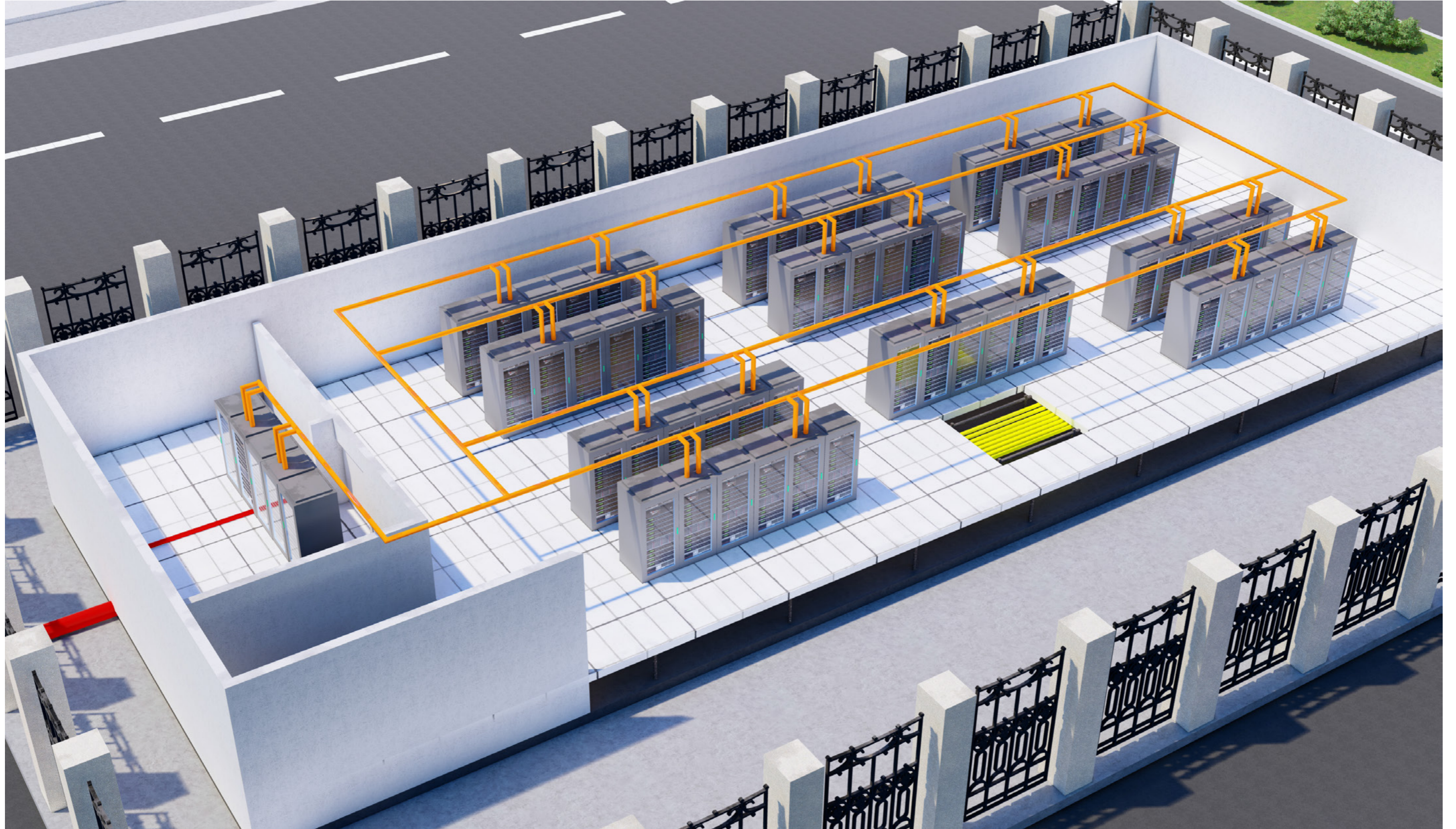
## 06



**Work Area**  
00-00



# DATA CENTER SOLUTION









# 01

## COPPER CABLING SOLUTION

- Copper Cables
- Copper Connectivity

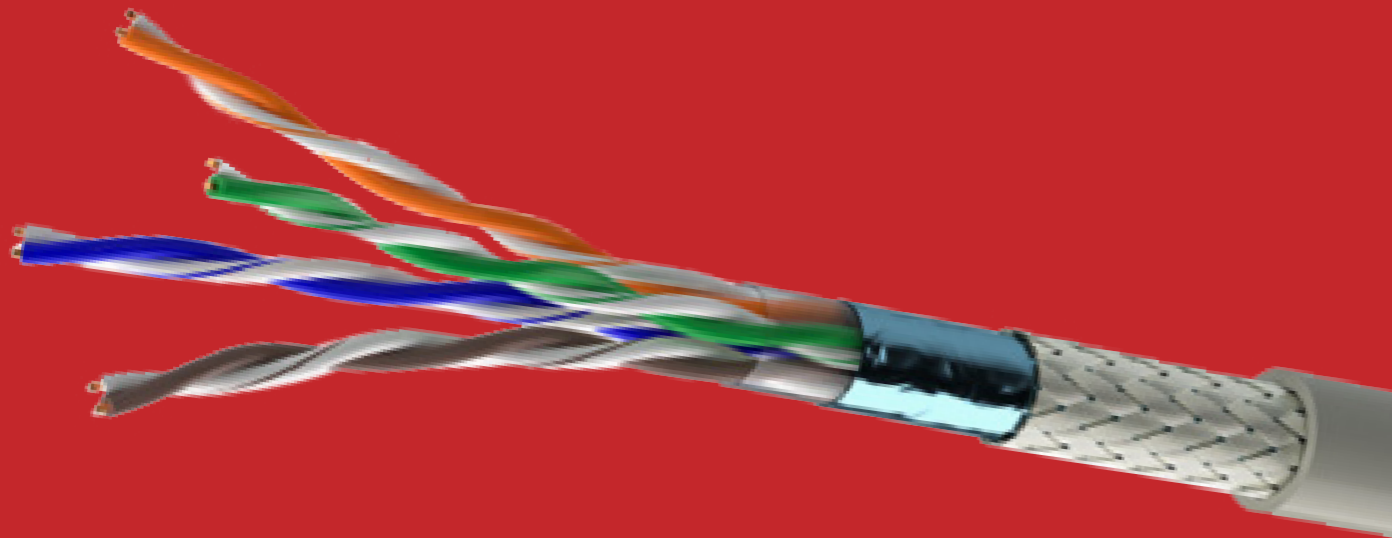




# Copper Cables

## MAIN FEATURES

- HIGH PERFORMANCE DATA RATE
- FULL RANGE OF PERFORMANCE (CAT5E-CAT8.1)
- AVAILABLE IN 305M ROLL, 500M ROLL, OR ELSE REQUESTED
- DIFFERENT COLOR ARE PROVIDED UP ON REQUEST



### Part Number illustration

COPPER CABLE <b>SW121</b>	CAT5E <b>1</b>	U/UTP <b>1</b>	PVC <b>1</b>	24 AWG <b>3</b>	GREY <b>3</b>
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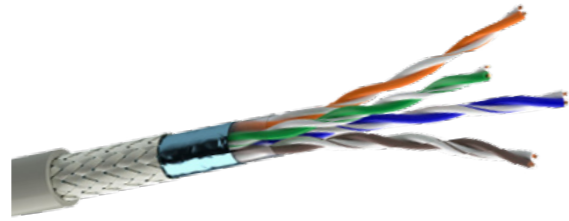
COPPER CABLES	CATEGORY	SHIELDING	OUTER JACK	DIAMETER	COLOR
SW121	1 Cat5e	1 U/UTP	1 PVC	1 22 AWG	1 White
	2 Cat6	2 U/FTP	2 LSZH	2 23 AWG	2 Black
	3 Cat6a	3 F/UTP	3 PE	3 24 AWG	3 Gray
	4 Cat7	4 S/FTP	(Outdoor)		4 Blue
	5 Cat7a	5 F/FTP			5 Orange
	6 Cat8	6 SF/UTP			6 Green
					7 Red
					8 Yellow



## Cat5e Cable 125 MHz 24AWG

### PRODUCT FEATURES

- Available in both PVC and LSZH jacket
- 125 MHz
- 100 Ohm impedance
- 24 AWG Conductor Diameter

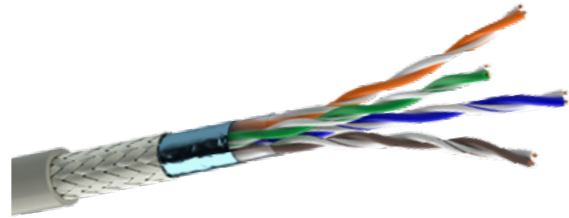


CAT	SHIELDING	OUTER JACK	DIAMETER	COLOR	PART NUMBER
Cat5e	U/UTP	PVC	24 AWG	Grey	SW121 11133
Cat5e	U/FTP	PVC	24 AWG	Grey	SW121 12133
Cat5e	F/UTP	PVC	24 AWG	Grey	SW121 13133
Cat5e	U/UTP	LSZH	24 AWG	Orange	SW121 11235
Cat5e	U/FTP	LSZH	24 AWG	Orange	SW121 12235
Cat5e	F/UTP	LSZH	24 AWG	Orange	SW121 13235

## Cat6 Cable 250 MHz 23AWG

### PRODUCT FEATURES

- 250 MHz
- Available in a wide range of performance
- Available in both PVC & LSZH jackets
- 100 Ohm impedance
- 22/23 AWG Conductor Diameter

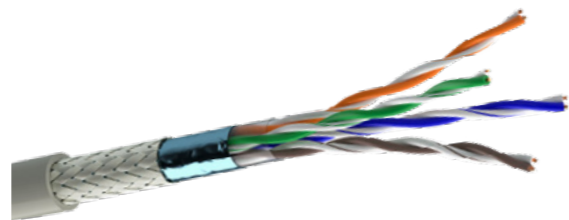


CAT	SHIELDING	OUTER JACK	DIAMETER	COLOR	PART NUMBER
Cat6	U/UTP	PVC	23 AWG	Grey	SW121 21123
Cat6	U/FTP	PVC	23 AWG	Grey	SW121 22123
Cat6	F/UTP	PVC	23 AWG	Grey	SW121 23123
Cat6	S/FTP	PVC	23 AWG	Grey	SW121 24123
Cat6	F/FTP	PVC	23 AWG	Grey	SW121 25123
Cat6	SF/UTP	PVC	23 AWG	Grey	SW121 26123
Cat6	U/UTP	LSZH	23 AWG	White	SW121 21221
Cat6	U/FTP	LSZH	23 AWG	White	SW121 22221
Cat6	F/UTP	LSZH	23 AWG	White	SW121 23221
Cat6	S/FTP	LSZH	23 AWG	White	SW121 24221
Cat6	F/FTP	LSZH	23 AWG	White	SW121 25221
Cat6	SF/UTP	LSZH	23 AWG	White	SW121 26221

## Cat6A Cable 500 MHz 23AWG

### PRODUCT FEATURES

- Available in a wide range of performance
- Available in both PVC & LSZH jackets
- 500 MHz
- 100 Ohm impedance

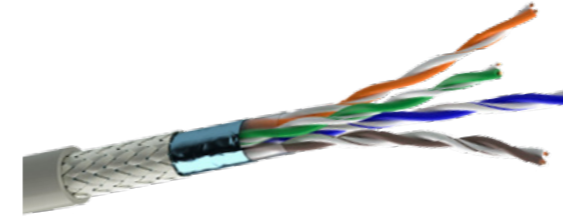


CAT	SHIELDING	OUTER JACK	DIAMETER	COLOR	PART NUMBER
Cat6a	U/UTP	PVC	23 AWG	Grey	SW121 31123
Cat6a	U/FTP	PVC	23 AWG	Grey	SW121 32123
Cat6a	F/UTP	PVC	23 AWG	Grey	SW121 33123
Cat6a	S/FTP	PVC	23 AWG	Grey	SW121 34123
Cat6a	F/FTP	PVC	23 AWG	Grey	SW121 35123
Cat6a	U/UTP	LSZH	23 AWG	Orange	SW121 31225
Cat6a	U/FTP	LSZH	23 AWG	Orange	SW121 32225
Cat6a	F/UTP	LSZH	23 AWG	Orange	SW121 33225
Cat6a	S/FTP	LSZH	23 AWG	Orange	SW121 34225
Cat6a	SF/UTP	LSZH	23 AWG	Orange	SW121 36225

## Cat7A Cable 600 MHz 22/23 AWG

### PRODUCT FEATURES

- 600 MHz
- Available in a wide range of performance
- LSZH jacket
- 100 Ohm impedance
- 22/23 AWG Conductor Diameter

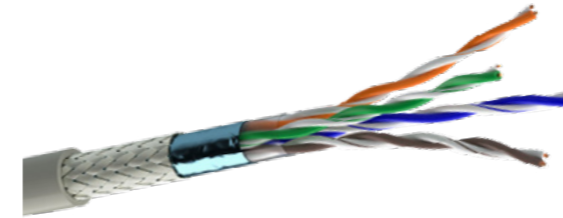


CAT	SHIELDING	OUTER JACK	DIAMETER	COLOR	PART NUMBER
Cat7	SF/UTP	LSZH	23 AWG	Orange	SW121 46225
Cat7	S/FTP	LSZH	23 AWG	Orange	SW121 44225
Cat7a	SF/UTP	LSZH	23 AWG	Orange	SW121 56225
Cat7a	S/FTP	LSZH	23 AWG	Orange	SW121 54225

## Cat8 Cable 2000 MHz 22AWG

### PRODUCT FEATURES

- High-speed data transmission up to 40 Gbps
- High bandwidth up to 2000 MHz
- Fully shielded to reduce EMI
- Ideal for data centers' connectivity
- 22/23 AWG

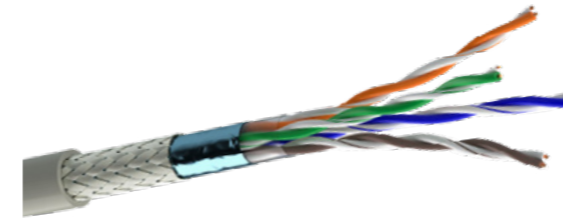


CAT	SHIELDING	OUTER JACK	DIAMETER	COLOR	PART NUMBER
Cat8	S/FTP	LSZH	22AWG	Blue	SW121 64214

## Outdoor Cable

### PRODUCT FEATURES

- Suitable for outdoor applications
- PE jacket
- 100 Ohm impedance



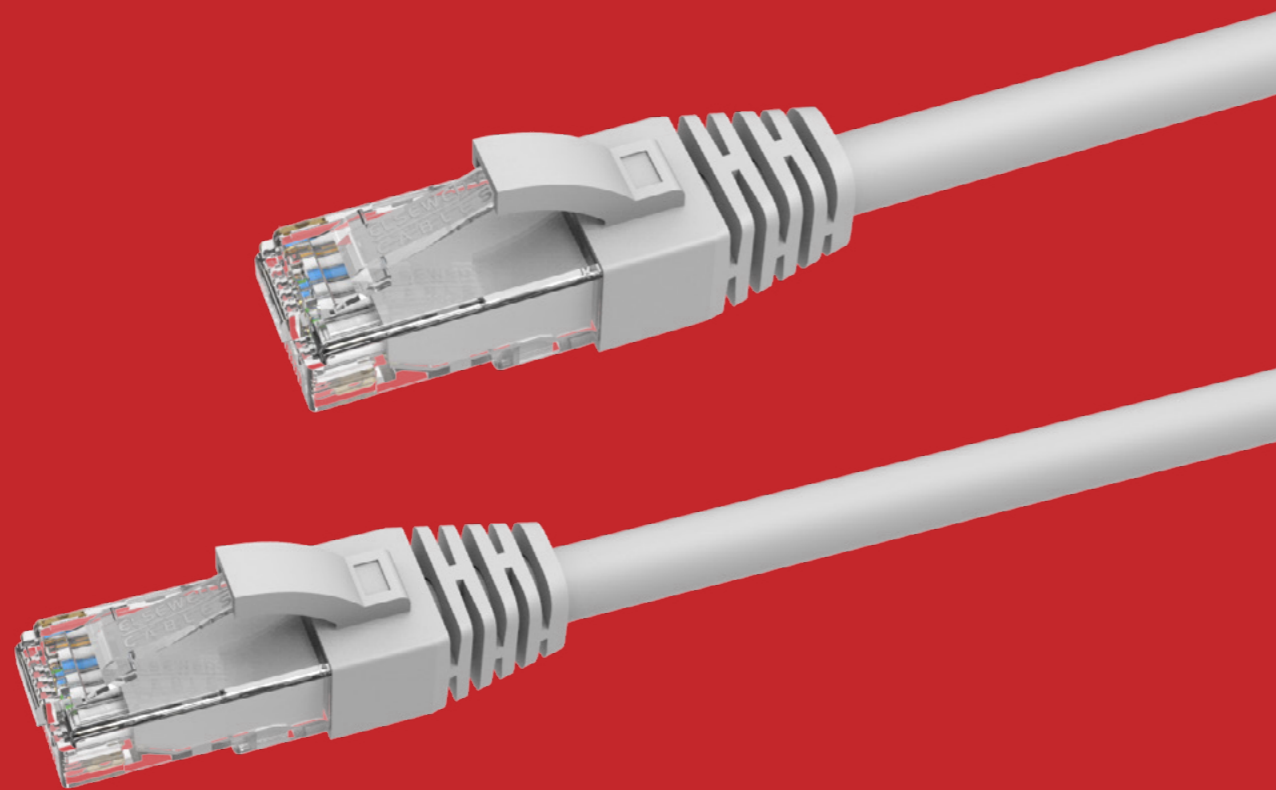
CAT	SHIELDING	OUTER JACK	DIAMETER	COLOR	PART NUMBER
Cat6	SF/UTP	PE	23 AWG	Black	SW121 26322
Cat6	F/UTP	PE	23 AWG	Black	SW121 23322
Cat6A	S/FTP	PE	23 AWG	Black	SW121 34322
Cat7	S/FTP	PE	23 AWG	Black	SW121 44322



# Copper Patch Cord

## MAIN FEATURES

- High-performance patch cords
- Full range of performance (Cat5e-Cat8.1)
- Standard length 0,5 - 20m
- ANSI/TIA-568.2-D, ISO/IEC 11801:2011
- Lockable or Unlockable



### Part Number illustration

COPPER PATCH CABLE <b>SW123</b>	<b>SW125 2101</b>	<b>SW125 2102</b>	<b>SW125 2201</b>
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#### COPPER CABLES

**SW123**

#### CORD TYPE

- 1- CAT5E- Unshielded
- 2- CAT5E- Shielded
- 3- CAT6 - Unshielded
- 4- CAT6 - Shielded
- 5- CAT6A - Unshielded
- 6- Cat6A - Shielded
- 7- CAT6A - U/FTP
- 8- CAT8 - Shielded
- 9- Outdoor Patch Cord

#### OUTER JACKET

- 1- PVC
- 2- LSZH
- 3- PE IP20-20
- 4- PE IP67-IP20

#### CORD DIAMETER

- 23
- 24

<b>SW125 2203</b>	<b>SW125 2204</b>
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#### CORD COLOR

- 1- White
- 2- Black
- 3- Gray
- 4- Blue
- 5- Orange
- 6- Green
- 7- Red
- 8- Yellow

#### 0-9: CORD LENGTH

- 0= 0.5m
- 1= 1m
- 2= 2m
- 3= 3m
- 4= 5m
- 5= 7.5m
- 6= 10m
- 7= 12.5m
- 8= 15m
- 9= 20m

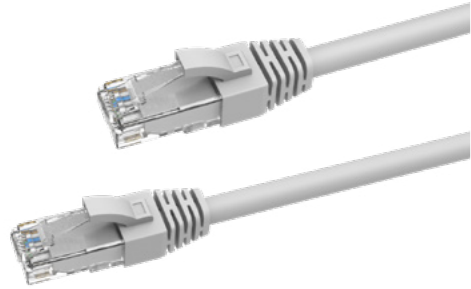


## Cat5e Patch Cord Unshielded

### PRODUCT FEATURES

- Mechanically terminated
- Available in wide range of length
- Color identification
- Unshielded
- 24AWG diameter

- Min. connection cycles std/type: 750
- Pair furcation sequence identification 568B
- Available in both PVC and LSZH jacket
- 4PPoE (IEEE802.3bt), IEC60512-99-002
- ANSI/TIA-568.2-D, ISO/IEC 11801"



OUTER JACK	CORD DIAMETER	COLOR	CORD LENGTH	PART NUMBER
PVC Jacket	24AWG	Grey	0.5 meter	SW123 11130
PVC Jacket	24AWG	Grey	1 meter	SW123 11131
PVC Jacket	24AWG	Grey	2 meter	SW123 11132
PVC Jacket	24AWG	Grey	3 meter	SW123 11133
PVC Jacket	24AWG	Grey	5 meter	SW123 11134
LSZH Jacket	24AWG	Grey	0.5 meter	SW123 12130
LSZH Jacket	24AWG	Grey	1 meter	SW123 12131
LSZH Jacket	24AWG	Grey	2 meter	SW123 12132
LSZH Jacket	24AWG	Grey	3 meter	SW123 12133
LSZH Jacket	24AWG	Grey	5 meter	SW123 12134

## Cat6 Patch Cord Unshielded

### PRODUCT FEATURES

- 250MHZ
- Mechanically terminated
- Available in a wide range of length
- Color identification
- Unshielded

- 26-24AWG diameter
- Insertion life:750 mating cycles
- Pair furcation sequence identification 568B
- Available in both PVC & LSZH jacket
- 4PPoE (IEEE802.3bt), IEC60512-99-002
- ANSI/TIA-568.2-D, ISO/IEC 11801



OUTER JACK	CORD DIAMETER	COLOR	CORD LENGTH	PART NUMBER
PVC Jacket	24AWG	Grey	0.5 meter	SW123 31130
PVC Jacket	24AWG	Grey	1 meter	SW123 31131
PVC Jacket	24AWG	Grey	2 meter	SW123 31132
PVC Jacket	24AWG	Grey	3 meter	SW123 31133
PVC Jacket	24AWG	Grey	5 meter	SW123 31134
LSZH Jacket	24AWG	Grey	0.5 meter	SW123 32130
LSZH Jacket	24AWG	Grey	1 meter	SW123 32131
LSZH Jacket	24AWG	Grey	2 meter	SW123 32132
LSZH Jacket	24AWG	Grey	3 meter	SW123 32133
LSZH Jacket	24AWG	Grey	5 meter	SW123 32134

OUTER JACK	CORD DIAMETER	COLOR	CORD LENGTH	PART NUMBER
PVC Jacket	26AWG	Grey	0.5 meter	SW123 31230
PVC Jacket	26AWG	Grey	1 meter	SW123 31231
PVC Jacket	26AWG	Grey	2 meter	SW123 31232
PVC Jacket	26AWG	Grey	3 meter	SW123 31233
PVC Jacket	26AWG	Grey	5 meter	SW123 31234
LSZH Jacket	26AWG	Grey	0.5 meter	SW123 32230
LSZH Jacket	26AWG	Grey	1 meter	SW123 32231
LSZH Jacket	26AWG	Grey	2 meter	SW123 32232
LSZH Jacket	26AWG	Grey	3 meter	SW123 32233
LSZH Jacket	26AWG	Grey	5 meter	SW123 32234

## Cat6 Patch Cord Shielded

### PRODUCT FEATURES

- 250MHZ
- Mechanically terminated
- Available in a wide range of length
- Color identification
- Shielded

- 26-24AWG diameter
- Insertion life:750 mating cycles
- Pair furcation sequence identification 568B
- Available in both PVC & LSZH jacket
- 4PPoE (IEEE802.3bt), IEC60512-99-002
- ANSI/TIA-568.2-D, ISO/IEC 11801



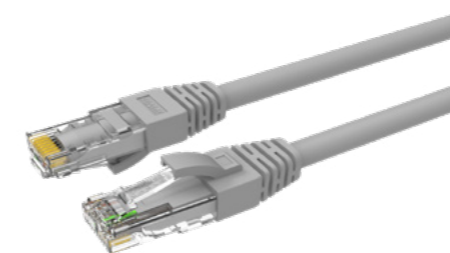
OUTER JACK	CORD DIAMETER	COLOR	CORD LENGTH	PART NUMBER
PVC Jacket	24 AWG	Gray	0.5 meter	SW123 41130
PVC Jacket	24 AWG	Gray	1 meter	SW123 41131
PVC Jacket	24 AWG	Gray	2 meter	SW123 41132
PVC Jacket	24 AWG	Gray	3 meter	SW123 41133
PVC Jacket	24 AWG	Gray	5 meter	SW123 41134
LSZH Jacket	24 AWG	Gray	0.5 meter	SW123 42130
LSZH Jacket	24 AWG	Gray	1 meter	SW123 42131
LSZH Jacket	24 AWG	Gray	2 meter	SW123 42132
LSZH Jacket	24 AWG	Gray	3 meter	SW123 42133
LSZH Jacket	24 AWG	Gray	5 meter	SW123 42134

## Cat6a Unshielded Patch Cord

### PRODUCT FEATURES

- 500MHZ
- Mechanically terminated
- Available in a wide range of length
- Color identification
- Unshielded

- 26-24AWG diameter
- Insertion life:750 Mating Cycles
- Pair furcation sequence identification 568B
- LSZH jacket
- 4PPoE (IEEE802.3bt), IEC60512-99-002
- ANSI/TIA-568.2-D, ISO/IEC 11801



OUTER JACK	CORD DIAMETER	COLOR	CORD LENGTH	PART NUMBER
LSZH Jacket	24 AWG	Gray	0.5 meter	SW123 52130
LSZH Jacket	24 AWG	Gray	1 meter	SW123 52131
LSZH Jacket	24 AWG	Gray	2 meter	SW123 52132
LSZH Jacket	24 AWG	Gray	3 meter	SW123 52133
LSZH Jacket	24 AWG	Gray	5 meter	SW123 52134

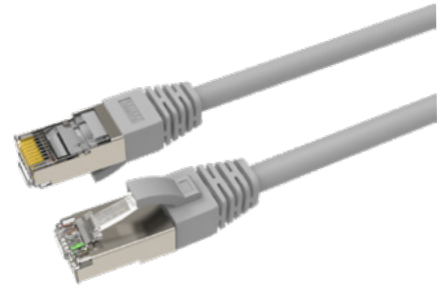
LSZH Jacket	26 AWG	Gray	0.5 meter	SW123 52230
LSZH Jacket	26 AWG	Gray	1 meter	SW123 52231
LSZH Jacket	26 AWG	Gray	2 meter	SW123 52232
LSZH Jacket	26 AWG	Gray	3 meter	SW123 52233
LSZH Jacket	26 AWG	Gray	5 meter	SW123 52234



## Cat6a Patch Cord Shielded S/FTP

### PRODUCT FEATURES

- 500MHZ
- Mechanically terminated
- Available in a wide range of length
- Color identification
- Shielded S/FTP
- 26-24AWG diameter
- Insertion life: 750 mating cycles
- Pair furcation sequence identification 568B
- LSZH jacket
- 4PPoE (IEEE802.3bt), IEC60512-99-002
- ANSI/TIA-568.2-D, ISO/IEC 11801

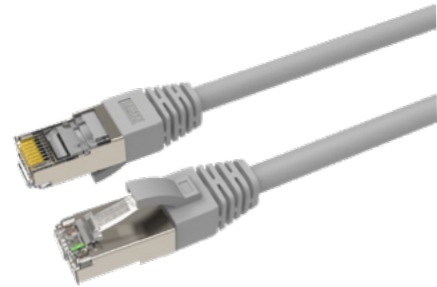


OUTER JACK	CORD DIAMETER	COLOR	CORD LENGTH	PART NUMBER
LSZH Jacket	24 AWG	Grey	0.5 meter	SW123 62130
LSZH Jacket	24 AWG	Grey	1 meter	SW123 62131
LSZH Jacket	24 AWG	Grey	2 meter	SW123 62132
LSZH Jacket	24 AWG	Grey	3 meter	SW123 62133
LSZH Jacket	24 AWG	Grey	5 meter	SW123 62134
LSZH Jacket	26 AWG	Grey	0.5 meter	SW123 62230
LSZH Jacket	26 AWG	Grey	1 meter	SW123 62231
LSZH Jacket	26 AWG	Grey	2 meter	SW123 62232
LSZH Jacket	26 AWG	Grey	3 meter	SW123 62233
LSZH Jacket	26 AWG	Grey	5 meter	SW123 62234

## Cat6a Patch Cord Shielded U/FTP

### PRODUCT FEATURES

- 500MHZ
- Mechanically terminated
- Available in a wide range of length
- Color identification
- Shielded U/FTP
- 26-24AWG diameter
- Min. connection cycles std/type: 750
- Pair furcation sequence identification 568B
- Available in both PVC & LSZH jacket
- 4PPoE (IEEE802.3bt), IEC60512-99-002
- ANSI/TIA-568.2-D, ISO/IEC 11801



OUTER JACK	CORD DIAMETER	COLOR	CORD LENGTH	PART NUMBER
LSZH Jacket	24 AWG	Grey	0.5 meter	SW123 72130
LSZH Jacket	24 AWG	Grey	1 meter	SW123 72131
LSZH Jacket	24 AWG	Grey	2 meter	SW123 72132
LSZH Jacket	24 AWG	Grey	3 meter	SW123 72133
LSZH Jacket	24 AWG	Grey	5 meter	SW123 72134
LSZH Jacket	26 AWG	Grey	0.5 meter	SW123 72230
LSZH Jacket	26 AWG	Grey	1 meter	SW123 72231
LSZH Jacket	26 AWG	Grey	2 meter	SW123 72232
LSZH Jacket	26 AWG	Grey	3 meter	SW123 72233
LSZH Jacket	26 AWG	Grey	5 meter	SW123 72234

## Cat8 Shielded Patch Cord

### PRODUCT FEATURES

- 2000MHZ
- Mechanically terminated
- Available in a wide range of length
- Color identification
- Shielded
- 26-24AWG diameter
- Insertion life: 750 mating cycles
- Pair furcation sequence identification LSZH jacket
- ANSI/TIA-568.2-D, ISO/IEC 11801
- 4PPoE (IEEE802.3bt), IEC60512-99-002



OUTER JACK	CORD DIAMETER	COLOR	CORD LENGTH	PART NUMBER
LSZH Jacket	24 AWG	Gray	2 meter	SW123 82132
LSZH Jacket	24 AWG	Gray	3 meter	SW123 82133
LSZH Jacket	24 AWG	Gray	5 meter	SW123 82134
LSZH Jacket	24 AWG	Gray	7.5 meter	SW123 82135
LSZH Jacket	24 AWG	Gray	10 meter	SW123 82136
LSZH Jacket	24 AWG	Gray	12.5 meter	SW123 82137
LSZH Jacket	24 AWG	Gray	15 meter	SW123 82138
LSZH Jacket	24 AWG	Gray	20 meter	SW123 82139

## Outdoor Patch Cord Cat6

### PRODUCT FEATURES

- 250MHZ
- Mechanically terminated
- Available in a wide range of length
- Color identification
- Shielded Cat6 FTP
- 26 AWG diameter
- Insertion life: 750 mating cycles
- Pair furcation sequence identification LSZH jacket
- ANSI/TIA-568.2-D, ISO/IEC 11801
- 4PPoE (IEEE802.3bt), IEC60512-99-002



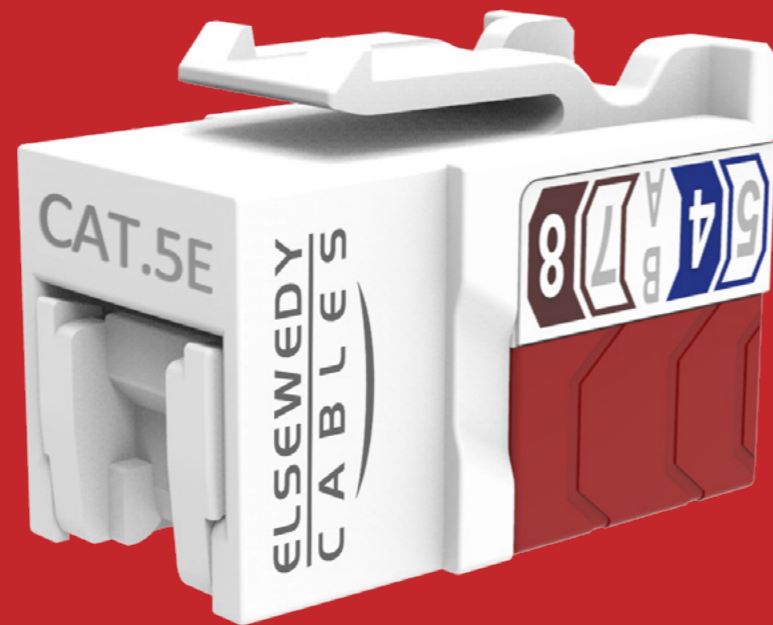
OUTER JACK	CORD DIAMETER	COLOR	CORD LENGTH	PART NUMBER
PE IP20-IP20	26 AWG	Black	3 meter	SW123 93223
PE IP20-IP20	26 AWG	Black	5 meter	SW123 93224
PE IP20-IP20	26 AWG	Black	7.5 meter	SW123 93225
PE IP20-IP20	26 AWG	Black	10 meter	SW123 93226
PE- IP67-IP20	26 AWG	Black	3 meter	SW123 94223
PE- IP67-IP20	26 AWG	Black	5 meter	SW123 94224
PE- IP67-IP20	26 AWG	Black	7.5 meter	SW123 94225
PE- IP67-IP20	26 AWG	Black	10 meter	SW123 94226



# Copper Connection Module

## MAIN FEATURES

- IDC TECHNOLOGY
- EXCELLENT TRANSMISSION PARAMETERS
- MULTI-GIGABIT ETHERNET COMPLIANCE WITH CAT6
- FULL RANGE OF PERFORMANCE (CAT5E-CAT8.1)
- ANSI/TIA-568.2-D, ISO/IEC 11801-1, CLASS D/E/EA/I



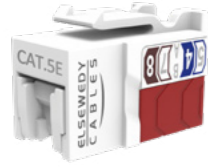


## Cat5e Connection Module

### PRODUCT FEATURES

- Cat5e keystone jack
- IDC technology
- Available in both shuttered & unshuttered ranges
- RJ45 Jack Housing :ABS+PC, UL 94-V0
- Min. 750 cycles

- IDC re-installing cycles:  $\geq 20$  cycles
- T-568A and T-568B color code identification
- ANSI/TIA-568.2-D, ISO/IEC 11801-1, Class D
- IEC 60603-7, IEC 60512-99-002, IEEE 802.3bt, 4PoE++



CAT	SHIELDING	TYPE	DESCRIPTION	PART NUMBER
Cat 5e	UTP	Shuttered	Keystone jack, 110/krone punch down type, 180°	SW122 1211
Cat 5e	UTP	Shuttered	Keystone jack, 110/krone punch down type, 90°	SW122 1212
Cat 5e	UTP	Shuttered	Keystone jack, toolless type, 180°	SW122 1213
Cat 5e	UTP	Unshuttered	Keystone jack, 110/krone punch down type, 180°	SW122 1214
Cat 5e	UTP	Unshuttered	Keystone jack, 110/krone punch down type, 90°	SW122 1215
Cat 5e	UTP	Unshuttered	Keystone jack, toolless type, 180°	SW122 1216
Cat 5e	UTP	Unshuttered	Keystone jack, toolless type, 90°	SW122 1217

## Cat6a Connection Module

### PRODUCT FEATURES

- Cat6A keystone jack
- IDC technology
- High density design
- Shielded & unshielded types are provided
- Available in both shuttered & unshuttered ranges

- Min. 750 cycles
- IDC re-installing cycles:  $\geq 20$  cycles
- T-568A and T-568B color code identification
- ANSI/TIA-568.2-D, ISO/IEC 11801-1, Class EA
- IEC 60603-7, IEC 60512-99-002, IEEE 802.3bt, 4PoE++



CAT	SHIELDING	CONNECTION	DESCRIPTION	PART NUMBER
Cat6a	UTP	Shuttered	Keystone jack, 110/krone punch down type, 180°	SW122 3211
Cat6a	UTP	Shuttered	Keystone jack, 110/krone punch down type, 90°	SW122 3212
Cat6a	UTP	Shuttered	Keystone jack, toolless type, 180°	SW122 3213
Cat6a	UTP	Unshuttered	Keystone jack, 110/krone punch down type, 180°	SW122 3214
Cat6a	UTP	Unshuttered	Keystone jack, 110/krone punch down type, 90°	SW122 3215
Cat6a	UTP	Unshuttered	Keystone jack, toolless type, 180°	SW122 3216
Cat6a	STP	Shuttered	Keystone jack, toolless type, 180°	SW122 3311
Cat6a	STP	Shuttered	Keystone jack, toolless type, 180°, with cable-clamper	SW122 3312
Cat6a	STP	Unshuttered	Keystone jack, toolless type, 180°, with cable-clamper	SW122 3313
Cat6a	STP	Unshuttered	Keystone jack, toolless type, 180°	SW122 3314

## Cat6 Connection Module

### PRODUCT FEATURES

- Cat6 keystone jack
- IDC technology
- High density design
- Shielded & unshielded types are provided
- Available in both shuttered & unshuttered ranges

- Min. 750 cycles
- IDC re-installing cycles:  $\geq 20$  cycles for toolless type
- T-568A and T-568B color code identification
- ANSI/TIA-568.2-D, ISO/IEC 11801-1, Class E
- IEC 60603-7, IEC 60512-99-002, IEEE 802.3bt, 4PoE++



CAT	SHIELDING	TYPE	DESCRIPTION	PART NUMBER
Cat6	UTP	Shuttered	Keystone jack, 110/krone punch down type, 180°	SW122 2211
Cat6	UTP	Shuttered	Keystone jack, punch down type, 90°	SW122 2212
Cat6	UTP	Shuttered	Keystone jack, toolless type, 180°	SW122 2213
Cat6	UTP	Unshuttered	Keystone jack, 110/krone punch down type, 180°	SW122 2214
Cat6	UTP	Unshuttered	Keystone jack, 110/krone punch down type, 90°	SW122 2215
Cat6	UTP	Unshuttered	Keystone jack, toolless type, 180°	SW122 2216
Cat6	UTP	Unshuttered	Keystone jack, toolless type, 90°	SW122 2217
Cat6	STP	Shuttered	Keystone jack, toolless type, 180°	SW122 2311
Cat6	STP	Unshuttered	Keystone jack, toolless type, 90°	SW122 2312
Cat6	STP	Unshuttered	Keystone jack, toolless type, 180°	SW122 2313

## Cat8 Connection Module

### PRODUCT FEATURES

- Cat8 keystone jack
- IDC technology
- High density design
- Shielded
- Available in both shuttered & unshuttered ranges

- Min. 750 cycles
- IDC re-installing cycles:  $\geq 20$  cycles
- T-568A and T-568B color code identification
- ANSI/TIA-568.2-D, ISO/IEC 11801, Class I
- IEC 60603-7, IEC 60512-99-002, IEEE 802.3bt, 4PoE++



CAT	SHIELDING	CONNECTION	DESCRIPTION	PART NUMBER
Cat8	STP	Unshuttered	Keystone jack, toolless type, 180°	SW122 4311



## Field Termination Plug

### PRODUCT FEATURES

- Press-fit assembly process ensures system reliability and stability
- Wires diameter range 26-22AWG
- Available in wide range (Cat6 - Cat8)
- Min. connection cycles std/type: 750

- Min. module re-termination: 20 cycles
- T568A & T568B wiring
- Quick & reliable installation
- ANSI/TIA-568.2-D, ISO/IEC 11801-1, Class D/E/EA/I
- IEC 60603-7, IEC 60512-99-002, IEEE 802.3bt, 4PoE++



CAT	SHIELDING	CONNECTION	PART NUMBER
Cat6	UTP	Field Termination Plug	SW122 2241
Cat6	STP	Field Termination Plug	SW122 2341
Cat6a	UTP	Field Termination Plug	SW122 3241
Cat6a	STP	Field Termination Plug	SW122 3341
Cat8	STP	Field Termination Plug	SW122 4341

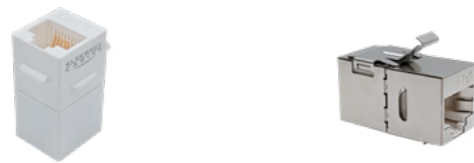
## In-line Coupler

### PRODUCT FEATURES

- Easy way to link several networking cables
- Could be snapped into a blank patch panel to
- Slim & compact design
- Min. 750 cycles

### PRODUCT APPLICATIONS

- Links several networking cables
- Connects devices with extending two patch cords by inline coupler



CAT	SHIELDING	CONNECTION	PART NUMBER
Cat5e	UTP	In-line Coupler	SW122 1251
Cat6	UTP	In-line Coupler	SW122 2251
Cat6	STP	In-line Coupler	SW122 2351
Cat6a	UTP	In-line Coupler	SW122 3251
Cat6a	STP	In-line Coupler	SW122 3351

## IP68 Keystone Module

### PRODUCT FEATURES

- Meets IP68 requirement
- Prevents network parts from moisture, dirt, and insects entering into the network device

- Min. 750 cycles
- Fits with IP44 faceplate, and IP68 surface mount box
- ANSI/TIA-568.2-D, ISO/IEC 11801
- Complies with POE plus test



CAT	SHIELDING	CONNECTION	PART NUMBER
Cat6	STP	IP68 industrial 180° RJ45 punch down keystone jack	SW122 1261
Cat6A	STP	IP68 industrial 180° RJ45 punch down keystone jack	SW122 1262



# Copper Patch Panels

## MAIN FEATURES

- FLEXIBLE INSTALLATION
- 19" HIGH DENSITY LOADED & UNLOADED PATCH PANEL
- CLEAR AND SNAP-IN I.D
- ANSI/TIA-568.2-D, ISO/IEC 11801





## Cat5e Loaded Patch Panel



### PRODUCT FEATURES

- 1U keystone patch panel fully populated with 24 Cat5e unshielded port
- 110, Krone dual type available
- 19" mounting kit
- Simple & efficient identification of ports
- Compatible with both T568A & T568B wiring schemes
- ANSI/TIA-568.2-D, ISO/IEC 11801-1, Class D/E

### PRODUCT APPLICATIONS

- Voice, data and other applications

CATEGORY	# OF PORTS	TYPE	DESCRIPTION	COLOR	PART NUMBER
Loaded Cat5e	19" 1U 24 port	Unshielded	Keystone patch panel with support bar (+24PCS toolless)	Black	SW124 1121

## Cat6 Loaded Patch Panel



### PRODUCT FEATURES

- Keystone patch panel fully populated with 24/48 Cat6 port
- Available in both shielded and unshielded versions.
- 19" mounting kit
- High density connectivity
- Simple & efficient identification of ports
- Rear cable management keeps cable distribution neat & efficient
- ANSI/TIA-568.2-D, ISO/IEC 11801-1, Class D/E
- IEC 60603-7, IEC 60512-99-002, IEEE 802.3bt, 4POE++

### PRODUCT APPLICATIONS

- 1000/100BASE-TX Gigabit Ethernet
- 1000/100BASE-T Gigabit Ethernet
- LAN connectivity
- CCTV application
- Voice, video and other applications

CATEGORY	# OF PORTS	TYPE	DESCRIPTION	COLOR	PART NUMBER
Cat6 Loaded	19" 1U 24 port	Unshielded	4 Front access panel	Black	SW124 2120
Cat6 Loaded	19" 1U 24 port		180° Punch down type patch panel, with support bar (PCB module)	Black	SW124 2121
Cat6 Loaded	19" 1U 24 port		Keystone patch panel, with support bar	Black	SW124 2122
Cat6 Loaded	19" 1U 24 port		Keystone patch panel, shuttered, with support bar	Black	SW124 2123
Cat6 Loaded	19" 1U 24 port		Keystone patch panel, with support bar	Gray	SW124 2124
Cat6 Loaded	19" 1U 24 port		Keystone patch panel, shuttered, with support bar	Gray	SW124 2125
Cat6 Loaded	19" 1U 24 port	shielded	4 Front access panel	Black	SW124 2130
Cat6 Loaded	19" 1U 24 port		180° Punch down type patch panel, with support bar (PCB module)	Black	SW124 2131
Cat6 Loaded	19" 1U 24 port		Keystone patch panel, with support bar	Black	SW124 2132
Cat6 Loaded	19" 1U 24 port		Keystone patch panel, shuttered, with support bar	Black	SW124 2133
Cat6 Loaded	19" 1U 24 port		Keystone patch panel, with support bar	Gray	SW124 2134
Cat6 Loaded	19" 1U 24 port		Keystone patch panel, shuttered, with support bar	Gray	SW124 2135
Cat6 Loaded	19" 1U 48 port	Unshielded	90° Punch down type patch panel, with support bar ( PCB module)	Black	SW124 2221
Cat6 Loaded	19" 1U 48 port		Keystone patch panel, with support bar	Black	SW124 2222
Cat6 Loaded	19" 1U 48 port		Keystone patch panel, shuttered, with support bar	Black	SW124 2223
Cat6 Loaded	19" 1U 48 port		Keystone Patch Panel, with support bar	Gray	SW124 2224
Cat6 Loaded	19" 1U 48 port		Keystone Patch Panel, shuttered, with support bar	Gray	SW124 2225
Cat6 Loaded	19" 1U 48 port	shielded	90° punch down type patch panel, with support Bar ( PCB module)	Black	SW124 2231
Cat6 Loaded	19" 1U 48 port		Keystone patch panel, with support bar	Black	SW124 2232
Cat6 Loaded	19" 1U 48 port		Keystone patch panel, shuttered, with support bar	Black	SW124 2233
Cat6 Loaded	19" 1U 48 port		Keystone Patch Panel, with support bar	Gray	SW124 2234
Cat6 Loaded	19" 1U 48 port		Keystone Patch Panel, shuttered, with support bar	Gray	SW124 2235
Cat6 Loaded	19" 2U 48 port	Unshielded	Keystone patch panel, with support bar	Black	SW124 2321
Cat6 Loaded	19" 2U 48 port	Unshielded	Keystone patch panel, with support bar	Gray	SW124 2322
Cat6 Loaded	19" 2U 48 port	Shielded	Keystone patch panel, with support bar	Black	SW124 2331
Cat6 Loaded	19" 2U 48 port	Shielded	Keystone patch panel, with support bar	Gray	SW124 2332



# Cat6A Loaded Patch Panel



# Unloaded Patch Panel



## PRODUCT FEATURES

- Keystone patch panel, fully populated with 24/48 Cat6A port
- Available in both shielded and unshielded versions
- 19" mounting kit
- High density connectivity
- Simple & efficient identification of ports
- Rear cable management keeps cable neat & efficient
- ANSI/TIA-568.2-D, ISO/IEC 11801
- IEC 60603-7, IEC 60512-99-002, IEEE 802.3bt, 4POE++

## PRODUCT APPLICATIONS

- 1000/100BASE-TX Gigabit Ethernet
- 1000/100BASE-T Gigabit Ethernet
- LAN connectivity
- CCTV application
- Voice, video and other applications

## PRODUCT FEATURES

- 1U Modular empty patch panel
- Wide range of 24 -48 port
- High density connectivity
- Available in both shielded and unshielded versions
- 19" mounting kit
- Rear cable management keeps cable neat & efficient
- Available in both flat and angled versions

PORTS	CATEGORY	TYPE	DESCRIPTION	COLOR	PART NUMBER
19" 1U 24 PORT LOADED	Loaded Cat6a	Unshielded	4 Front access panel	Black	SW124 3120
	Loaded Cat6a	Unshielded	180° Punch down type patch panel, with support bar ( PCB module)	Black	SW124 3121
	Loaded Cat6a	Unshielded	Keystone patch panel, with support bar	Black	SW124 3122
	Loaded Cat6a	Unshielded	Keystone patch Panel, shuttered, with support bar	Black	SW124 3123
	Loaded Cat6a	Unshielded	Keystone patch panel, with support bar	Gray	SW124 3124
	Loaded Cat6a	Unshielded	Keystone patch panel, shuttered, with support bar	Gray	SW124 3125
	Loaded Cat6a	Shielded	4 Front access panel	Black	SW124 3130
	Loaded Cat6a	Shielded	90° Punch down type patch panel, with support bar ( PCB module)	Black	SW124 3131
	Loaded Cat6a	Shielded	Keystone patch panel, with support bar	Black	SW124 3132
	Loaded Cat6a	Shielded	Keystone patch panel, shuttered, with support bar	Black	SW124 3133
	Loaded Cat6a	Shielded	Keystone patch panel, with support bar	Gray	SW124 3134
	Loaded Cat6a	Shielded	Keystone patch panel, shuttered, with support bar	Gray	SW124 3135

PORTS	CATEGORY	TYPE	DESCRIPTION	COLOR	PART NUMBER
19" 1U 48 PORT	Loaded Cat6a	Unshielded	90° Punch down type patch panel, with support bar ( PCB module)	Black	SW124 3221
	Loaded Cat6a	Unshielded	Keystone patch panel, with support bar	Black	SW124 3222
	Loaded Cat6a	Unshielded	Keystone patch panel, shuttered, with support bar	Black	SW124 3223
	Loaded Cat6a	Unshielded	Keystone patch panel, with support bar	Gray	SW124 3224
	Loaded Cat6a	Unshielded	Keystone patch panel, shuttered, with support bar	Gray	SW124 3225
	Loaded Cat6a	Shielded	90° Punch down type patch panel, with support bar ( PCB module)	Black	SW124 3231
	Loaded Cat6a	Shielded	Keystone patch panel, with support bar	Black	SW124 3232
	Loaded Cat6a	Shielded	Keystone patch panel, shuttered, with support bar	Black	SW124 3233
	Loaded Cat6a	Shielded	Keystone patch panel, with support bar	Gray	SW124 3234
	Loaded Cat6a	Shielded	Keystone patch panel, shuttered, with support bar	Gray	SW124 3235

PORTS	CATEGORY	TYPE	DESCRIPTION	COLOR	PART NUMBER
19" 2U 48 PORT	Loaded Cat6a	Unshielded	Keystone patch panel, with support bar	Black	SW124 3321
	Loaded Cat6a	Unshielded	Keystone patch panel, with support bar	Gray	SW124 3322
	Loaded Cat6a	Shielded	Keystone patch panel, with support bar	Black	SW124 3331
	Loaded Cat6a	Shielded	Keystone patch panel, with support bar	Gray	SW124 3332

PORTS	TYPE	SHIELDING	DESCRIPTION	COLOR	PART NUMBER
19" 1U 24 PORT	Modular	Unshielded	Can be equipped with 4 front access panel	Black	SW124 4121
	Modular	Shielded	Can be equipped with 4 front access panel	Black	SW124 4131
	Empty Panel	Unshielded	Unloaded patch panel, with support bar	Black	SW124 5121
	Empty Panel	Unshielded	Unloaded patch panel, with support bar	Gray	SW124 5122
	Empty Panel	Shielded	Unloaded patch panel, with support bar	Black	SW124 5131
	Empty Panel	Shielded	Unloaded patch panel, with support bar	Gray	SW124 5132
	V-type Empty Panel	Unshielded	Unloaded patch panel, with support bar	Black	SW124 6121
	V-type Empty Panel	Unshielded	Unloaded patch panel, with support bar	Gray	SW124 6122
	V-type Empty Panel	Shielded	Unloaded patch panel, with support bar	Black	SW124 6131
	V-type Empty Panel	Shielded	Unloaded patch panel, with support bar	Gray	SW124 6132

PORTS	TYPE	SHIELDING	DESCRIPTION	COLOR	PART NUMBER
19" 1U 48 PORT	Empty Panel	Unshielded	Unloaded patch panel, with support bar	Black	SW124 5221
	Empty Panel	Unshielded	Unloaded patch panel, with support bar	Gray	SW124 5222
	Empty Panel	Shielded	Unloaded patch panel, with support bar	Black	SW124 5231
	Empty Panel	Shielded	Unloaded patch panel, with support bar	Gray	SW124 5232
	V-type Empty Panel	Unshielded	Unloaded patch panel, with support bar	Black	SW124 6221
	V-type Empty Panel	Unshielded	Unloaded patch panel, with support bar	Gray	SW124 6222
	V-type Empty Panel	Shielded	Unloaded patch panel, with support bar	Black	SW124 6231
V-type Empty Panel	Shielded	Unloaded patch panel, with support bar	Gray	SW124 6232	

PORTS	TYPE	SHIELDING	DESCRIPTION	COLOR	PART NUMBER
19" 2U 48 PORT	Empty Panel	Unshielded	Unloaded patch panel, with support bar	Black	SW124 5321
	Empty Panel	Unshielded	Unloaded patch panel, with support bar	Gray	SW124 5322
	Empty Panel	Shielded	Unloaded patch panel, with support bar	Black	SW124 5331
	Empty Panel	Shielded	Unloaded patch panel, with support bar	Gray	SW124 5332

## Front Access Plate



### PRODUCT FEATURES

Cables can be easily pulled back from the panel's back side when mounted in a rack.

PORTS	CATEGORY	TYPE	PART NUMBER
6Port Cat5e	Front Access Plate	Unshielded	SW124 4021
6Port Cat6	Front Access Plate	Unshielded	SW124 4221
6Port Cat6	Front Access Plate	Shielded	SW124 4231
6Port Cat6A	Front Access Plate	Unshielded	SW124 4321
6Port Cat6A	Front Access Plate	Shielded	SW124 4331
Front access blank plate	Front Access Plate	Shielded	SW124 4000

## Panel Accessories

COLOR	DESCRIPTION	PART NUMBER
Black	19" 1U Patch panel Blank 19" 1U	SW124 000
Gray	19" 1U Patch panel Blank 19" 1U	SW124 001
Black	V type panel cover	SW124 002
Gray	V type panel cover	SW124 003
Black	patch panel Dust cover	SW124 004
Gray	patch panel Dust cover	SW124 005

## Cable Management



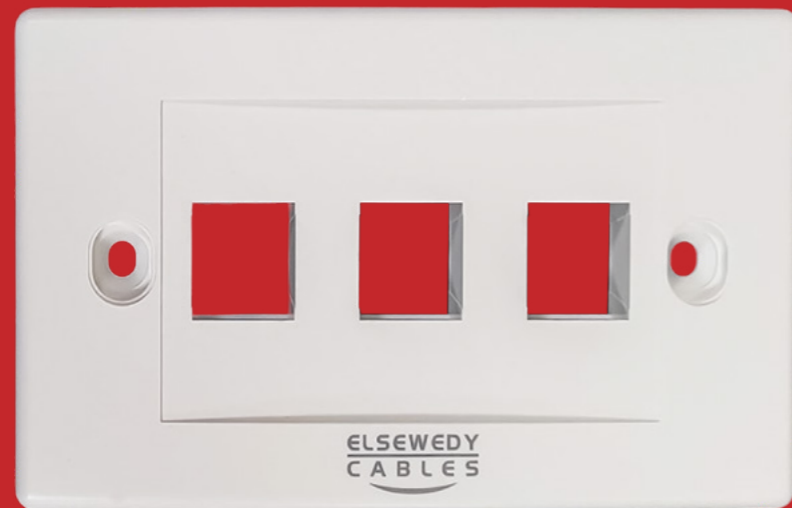
PORTS	CATEGORY	COLOR	PART NUMBER
Plastic - 15 slot	19" 1U Cable management	Black	SW124 5001
Plastic - 5 rings	19" 1U Cable management	Gray	SW124 5002
Metal - 5 rings	19" 1U Cable management	Black	SW124 5003
Plastic - 5 rings	19" 2U Cable management	Gray	SW124 5006
Metal - 5 rings	19" 2U Cable management	Black	SW124 5007
Brush panel	19" 1U Cable management	Black	SW124 5008
Brush panel	Cable management ring	Black	SW124 5009



# Copper Faceplate

## MAIN FEATURES

- EASY SNAP-IN INSTALLATION
- SHUTTERED & UNSHUTTERED
- AVAILABLE IN BOTH FLAT & ANGLED VERSIONS







# Copper Mount Box

## MAIN FEATURES

- ACCOMMODATES A VARIETY OF APPLICATIONS WHERE RJ45 CONNECTIONS ARE PRESENT
- FLUSH MOUNTED WITH OPENING THAT DOES NOT INTERFERE WITH ADJOINING CONNECTIONS



# Mount Box

## PRODUCT FEATURES

- UL certified with high quality: UL94-V0
- Includes mounting box housing & screw.
- Both side panels are removable.
- Compatible with most universal standard keystone jacks
- Available in both surface & wall mount versions



DESCRIPTION	PART NUMBER
Empty keystone jack surface mount box, 1 port, white color	SW126 101
Empty keystone jack surface mount box, 2 ports, white color	SW126 102
Empty keystone jack surface mount box, 4 ports, white color	SW126 103
Empty keystone jack surface mount box, 6 ports, white color	SW126 104
Empty keystone jack surface mount box, 12 ports, white color	SW126 105
Deskbox, empty, 4 x 45 x 45, insert module	SW126 201
Desk box insert module 22.5 x 45, 1 port, angled, white color	SW126 202
Desk box insert module 45 x 45, 2 x 1 port, angled, white color	SW126 203
Desk box blank 45 x 45, white color	SW126 204
Desk box insert module 45 x 45, 2 x 1 port, white color	SW126 205
3 compartment standard floor box	SW126 301
Mounting brackets for raised floor box, metal	SW126 302
Data / voice plate 4 x RJ45	SW126 303
Data / voice plate 6 x RJ45	SW126 304
Blank plate	SW126 305



# Copper Tools



# Tools



DESCRIPTION	PART NUMBER
RJ45 Crimping tool for easy RJ45 plug	SW120 101
Easy termination tool for 90 degree jack	SW120 102
Cable stripper with cutter, suitable for OD3.5~9.0mm cable	SW120 103
Easy punch tool with cable stripper	SW120 104
Easy pressing tool for toolless plug or toolless keystone jack	SW120 105

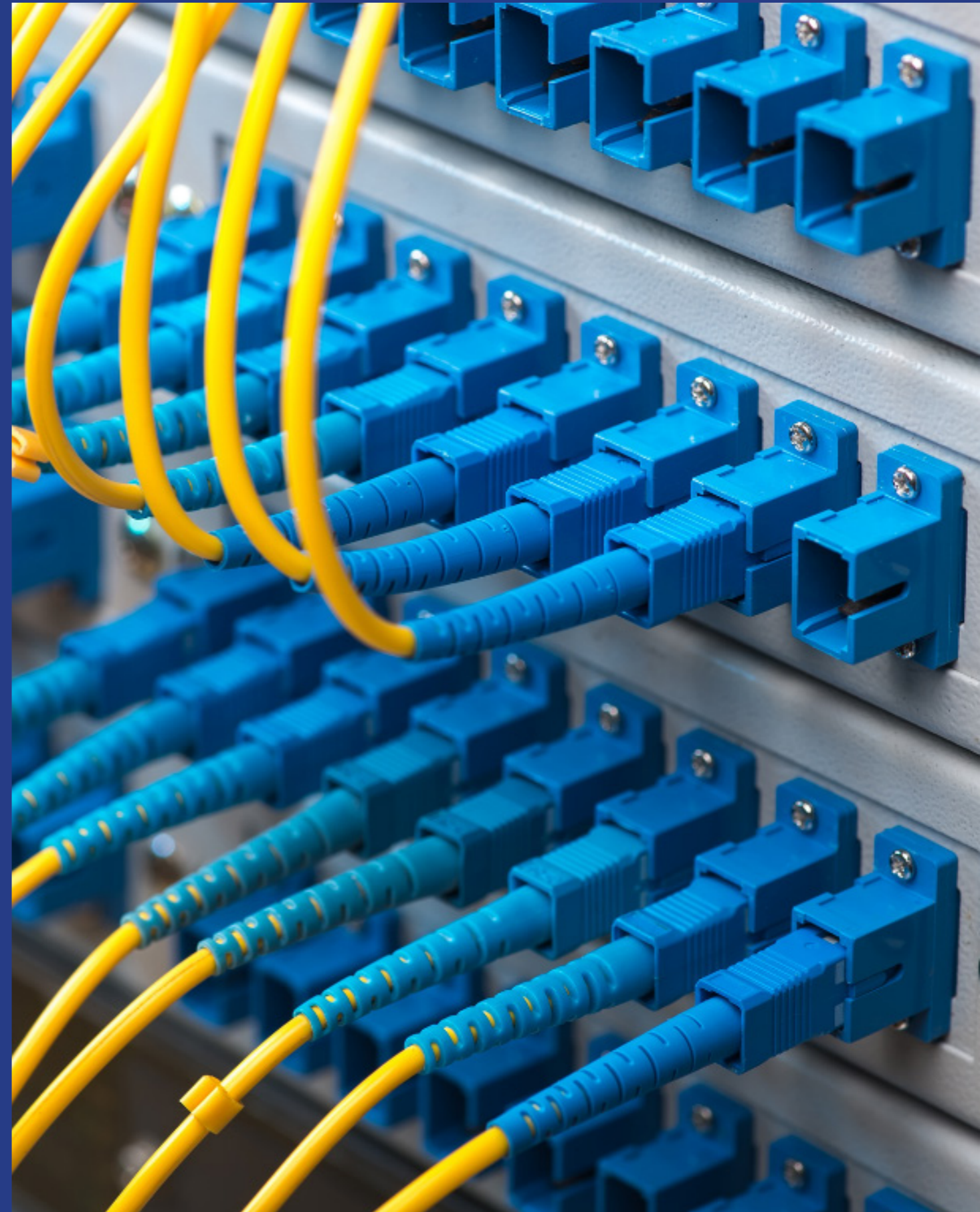


# 02

## FIBER CABLING SOLUTION

- **Fiber Optic Cables**
- **Fiber Connectivity**

Fiber Cabling Solution are Available in all Single & Multi Mode Grades



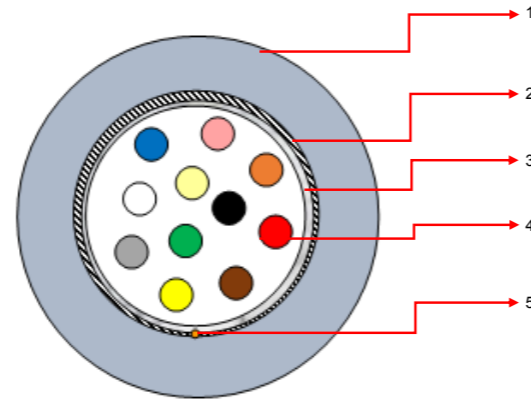
# Indoor Cables



## Indoor Riser Single Jacket Micro Module

### CABLE STRUCTURE

1. LSZH Outer Sheath
2. Peripheral Strength Material
3. Water Blocking Tape
4. Fiber core
5. Ripcord



### PRODUCT FEATURES

- Fully Dielectric Cable
- Rodent Protection
- LSZH Jacket
- FTTX Networks

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telcordia GR-20  
 ITU-U Recommendations

### ENVIRONMENTAL PERFORMANCE

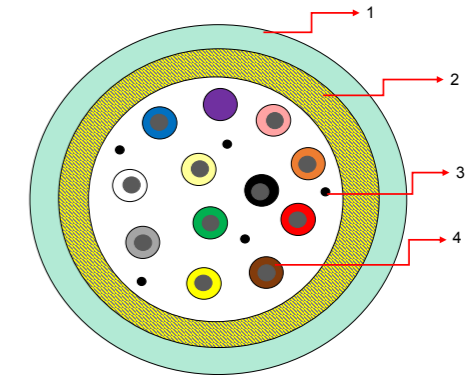
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	6.1	38	600	1500
4	1	6.1	38	600	1500
6	1	6.1	39	600	1500
8	1	6.1	40	600	1500
12	1	6.1	40	600	1500
16	1	6.1	41	600	1500
18	1	6.1	42	600	1500
24	1	6.1	42	600	1500

## Tight Buffer Indoor Riser

### CABLE STRUCTURE

1. LSZH Outer Sheath
2. Aramid Yarn
3. Water Blocking Yarn
4. Tight Buffered Fiber



### PRODUCT FEATURES

- Tight buffered fibres
- Compact & Flexible Design
- LSZH sheath
- Easy & Fast Installation
- Fully Dielectric Design

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telcordia GR-20  
 ITU-U Recommendations

### ENVIRONMENTAL PERFORMANCE

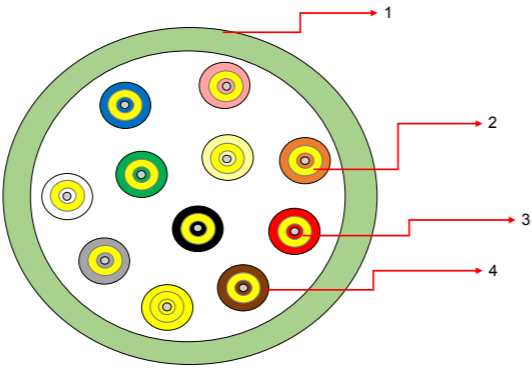
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	4.5	24	660 N	500 N
4	1	5.4	32	660 N	500 N
6	1	6	35	660 N	500 N
8	1	7	45	660 N	500 N
12	1	7.5	50	660 N	500 N
24	1	9.5	80	660 N	500 N

# Mini Breakout LSZH Jacket

### CABLE STRUCTURE

1. LSZH Outer Sheath
2. Aramid Yarn
3. Tight Buffered Fiber
4. Loose Tube (Jelly Filled)



### PRODUCT FEATURES

- Tight Buffered Fibres
- Reduce installation time and costs
- Flexible & Compact Design
- LSZH sheath
- Easy & Fast Installation
- Fully Dielectric

### STANDARDS

- IEC 60794
- EN 60794
- ANSI/IECA S-87-640
- Telecordia GR-20
- ITU-U Recommendations

### ENVIRONMENTAL PERFORMANCE

- Operating Temp. (-20°C to 70°C)
- Installation Temp (-10°C to 50°C)
- Storage Temp. (-10°C to 50°C)
- Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
12	1	8.5 mm	65 kg/km	500 N	500 N
24	2	9.5 mm	70 kg/km	500 N	500 N



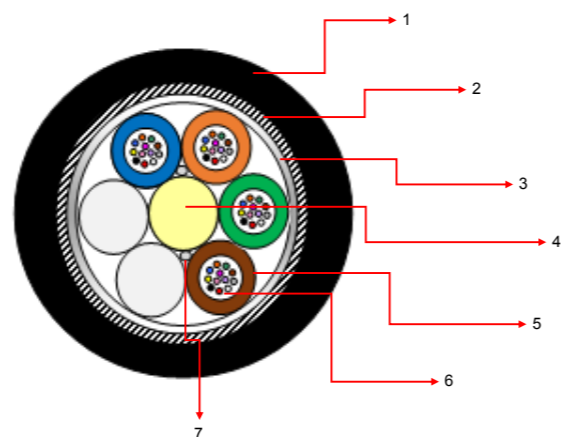
# Outdoor Cables

- Outdoor Loose Tube
- Outdoor Central Tube
- Aerial Cables
- Drop Cables

## Non Metallic Loose Tube Single Jacket Cable

### CABLE STRUCTURE

1. Outer Sheath
2. Peripheral Strength Material
3. Water Blocking Tape
4. Fiber Reinforced Plastic (FRP)
5. Loose Tube (Jelly Filled)
6. Fiber core
7. Water Blocking Yarn



### PRODUCT FEATURES

- High Tensile Strength
- Rodent Protection
- Water Blocking
- UV Protected

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

### ENVIRONMENTAL PERFORMANCE

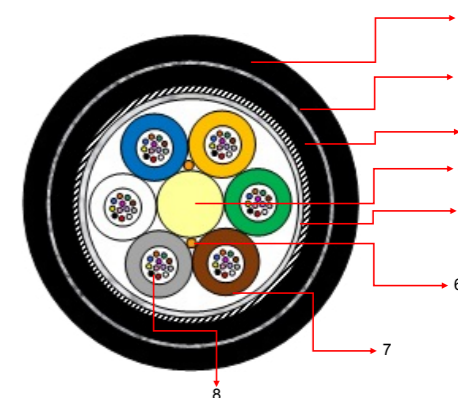
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	10 mm	68 Kg/Km	2000 N	2000 N
4	1	10 mm	68 Kg/Km	2000 N	2000 N
6	1	10 mm	68 Kg/Km	2000 N	2000 N
8	1	10 mm	68 Kg/Km	2000 N	2000 N
12	1	10 mm	68 Kg/Km	2000 N	2000 N
24	2	10 mm	69 Kg/Km	2000 N	2000 N
36	3	10 mm	70 Kg/Km	2000 N	2000 N
48	4	10 mm	71 Kg/Km	2000 N	2000 N
72	6	10 mm	72 Kg/Km	2000 N	2000 N
96	8	11 mm	87 Kg/Km	2000 N	2000 N
144	12	13.4 mm	128 Kg/Km	2000 N	2000 N
288	24	16.5 mm	180 Kg/Km	2000 N	2000 N
432	36	19.8 mm	230 Kg/Km	2000 N	2000 N

## Non Metallic Loose Tube Double Jacket Cable

### CABLE STRUCTURE

1. Outer Sheath
2. Peripheral Strength Material
3. Inner Sheath
4. Fiber Reinforced Plastic (FRP)
5. Water Blocking Tape
6. Water Blocking Yarn
7. Loose Tube (Jelly Filled)
8. Fiber core



### PRODUCT FEATURES

- High Tensile & Crush Resistant
- Rodent Protection
- Water Blocking Protection
- Fully Dielectric
- UV Protected

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

### ENVIRONMENTAL PERFORMANCE

Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

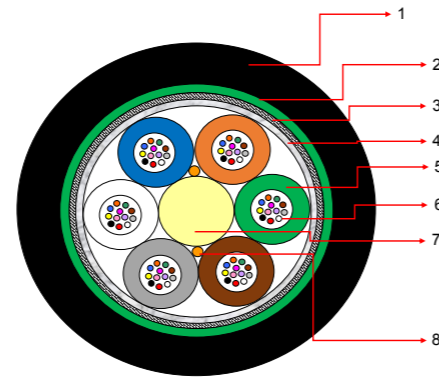
NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	13	175	3000	4000
4	1	13	175	3000	4000
6	1	13	175	3000	4000
8	1	13	175	3000	4000
12	1	13	175	3000	4000
24	2	13	175	3000	4000
36	3	13	175	3000	4000
48	4	13	175	3000	4000
72	6	13	175	3000	4000
96	8	14	210	3000	4000
144	12	16.5	250	3000	4000
288	24	19.5	393	3000	4000
432	36	24.7	537	3000	4000



# Steel Armored Loose Tube Single Jacket Cable

## CABLE STRUCTURE

1. Outer Sheath
2. Corrugated Steel Tape
3. Peripheral Strength Material
4. Water Blocking Tape
5. Loose Tube (Jelly Filled)
6. Fiber core
7. Fiber Reinforced Plastic (FRP)
8. Water Blocking Yarn



## PRODUCT FEATURES

- Metallic Armouring
- Rodent Protection
- Water Blocking Protection
- UV Protected

## STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

## ENVIRONMENTAL PERFORMANCE

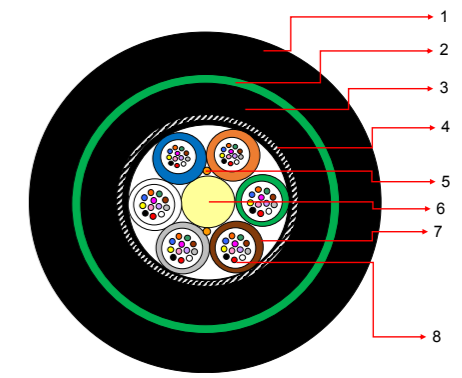
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	11	120	2700	3000
4	1	11	120	2700	3000
6	1	11	120	2700	3000
8	1	11	120	2700	3000
12	1	11	120	2700	3000
24	2	11	120	2700	3000
36	3	11	120	2700	3000
48	4	11	120	2700	3000
72	6	11	120	2700	3000
96	8	12.2	160	2700	3000
144	12	14.5	202	2700	3000
288	24	17.5	323	2700	3000
432	36	20.7	373	2700	3000

# Steel Armored Loose Tube Double Jacket Cable

## CABLE STRUCTURE

1. Outer Sheath
2. Corrugated Steel Tape
3. Inner Sheath
4. Peripheral Strength Material
5. Water Blocking Yarn
6. Fiber Reinforced Plastic (FRP)
7. Loose Tube (Jelly Filled)
8. Fiber core



## PRODUCT FEATURES

- Metallic Armouring
- High Tensile & Crush Resistant
- Rodent Protection
- Water Blocking Protection
- UV Protected

## STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

## ENVIRONMENTAL PERFORMANCE

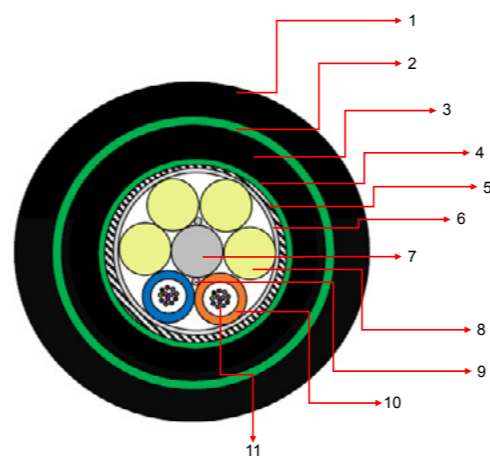
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	13	175	3000	4000
4	1	13	175	3000	4000
6	1	13	175	3000	4000
8	1	13	175	3000	4000
12	1	13	175	3000	4000
24	2	13	175	3000	4000
36	3	13	175	3000	4000
48	4	13	175	3000	4000
72	6	13	175	3000	4000
96	8	14	210	3000	4000
144	12	16.5	250	3000	4000
288	24	19.5	393	3000	4000
432	36	24.7	537	3000	4000

## Double Steel Armor Loose Tube Double Jacket Cable

### CABLE STRUCTURE

1. Outer Sheath
2. Corrugated Steel Tape
3. Inner Sheath
4. Corrugated Steel Tape
5. Peripheral Strength Material
6. Water Blocking Tape
7. Fiber Reinforced Plastic (FRP)
8. Dummy Tube
9. Water Blocking Yarn
10. Loose Tube (Jelly Filled)
11. Fiber Core



### PRODUCT FEATURES

- Metallic Armouring
- High Tensile & Crush Resistant
- Rodent Protection
- Water Blocking Protection
- UV Protected

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

### ENVIRONMENTAL PERFORMANCE

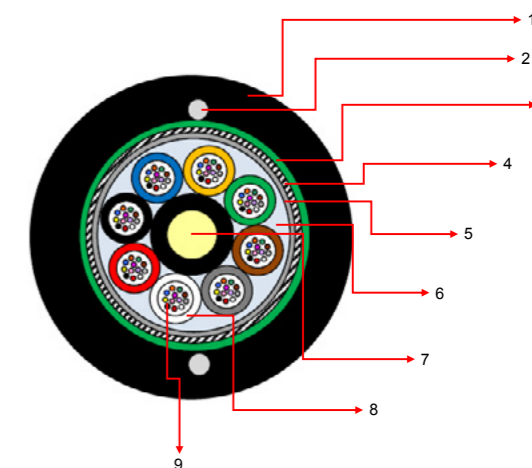
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	13.4	220	3000	4000
4	1	13.4	220	3000	4000
6	1	14.9	220	3000	4000
8	1	14.9	220	3000	4000
12	1	14.9	220	3000	4000
24	2	14.9	220	3000	4000
36	3	14.9	220	3000	4000
48	4	13.4	220	3000	4000
72	6	13.4	220	3000	4000
96	8	15	260	3000	4000
144	12	18	290	3000	4000

## Steel Armored with Two Steel Wire Loose Tube Single Jacket Cable

### CABLE STRUCTURE

1. Outer Sheath
2. Steel Wire
3. Corrugated Steel Tape
4. Peripheral Strength Material
5. Polyester Tape
6. Filling Compound
7. Fiber Reinforced Plastic (FRP)
8. Loose Tube (Jelly Filled)
9. Fiber core



### PRODUCT FEATURES

- Metallic Armouring
- High Tensile & Crush Resistant
- Rodent Protection
- Water Blocking Protection
- UV Protected

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

### ENVIRONMENTAL PERFORMANCE

Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

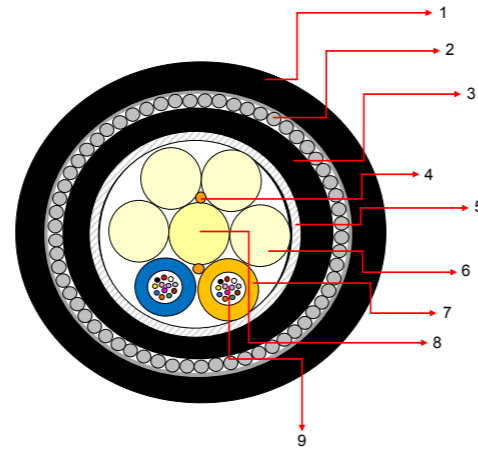
NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	12.2	158	3000	3000
4	1	12.2	158	3000	3000
6	1	12.2	158	3000	3000
8	1	12.2	158	3000	3000
12	1	12.2	158	3000	3000
24	2	12.2	158	3000	3000
36	3	12.2	158	3000	3000
48	4	12.2	158	3000	3000
72	6	12.2	158	3000	3000
96	8	14	213	3000	3000
144	12	16.6	300	3000	3000
288	24	19.4	410	3000	3000



# Full Steel Wire Armored Loose Tube Double Jacket Cable

## CABLE STRUCTURE

1. Outer Sheath
2. Steel Wire
3. Inner Sheath
4. Water Blocking Yarn
5. Water Blocking Tape
6. Dummy Tube
7. Loose Tube (Jelly Filled)
8. Fiber Reinforced Plastic (FRP)
9. Fiber core



## PRODUCT FEATURES

- Full Steel Wire Armoring
- High Tensile & Crush Resistant
- Rodent Protection
- Water Blocking Protection
- UV Protected

## STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

## ENVIRONMENTAL PERFORMANCE

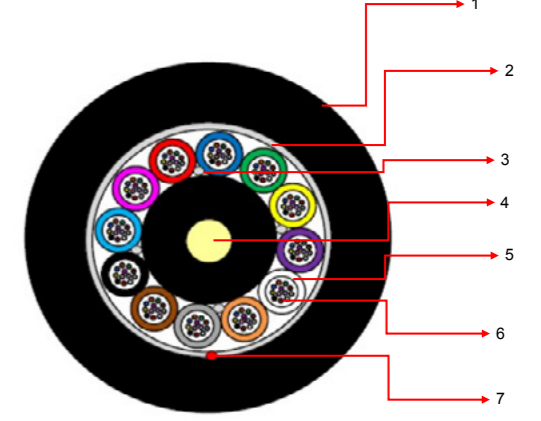
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	15.5	420	5000	5000
4	1	15.5	420	5000	5000
6	1	15.5	420	5000	5000
8	1	15.5	420	5000	5000
12	1	15.5	420	5000	5000
24	2	15.5	420	5000	5000
36	3	15.5	420	5000	5000
48	4	15.5	420	5000	5000
72	6	15.5	420	5000	5000
96	8	17	500	5000	5000
144	12	19.5	625	5000	5000

# Mini Air Blown Fiber

## CABLE STRUCTURE

1. Outer Sheath
2. Water Blocking Tape
3. Water Blocking Yarn
4. Fiber Reinforced Plastic (FRP)
5. Loose Tube (Jelly Filled)
6. Fiber
7. Ripcord



## PRODUCT FEATURES

- FTTH Solution
- Easy Blowing Installation
- Easy to Joint
- Fully Dielectric

## STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

## ENVIRONMENTAL PERFORMANCE

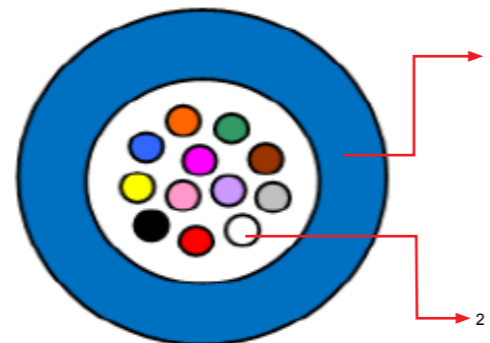
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
24	2	5.8	30	500 N	1000 N
36	3	5.8	30	500 N	1000 N
48	4	5.8	30	500 N	500 N
72	6	5.8	30	500 N	500 N
96	8	6.5	43	800 N	500 N
144	12	7.8	50	1000 N	500 N
288	24	8.8	65	1000 N	500 N

## Air Blown Fiber Tube

### CABLE STRUCTURE

1. Loose Tube (Jelly Filled)
2. Fiber



### PRODUCT FEATURES

- Outdoor MICRO ABF Cable
- Easy Installation by Blowing
- Easy to Joint
- Suitable Tensile Strength and Crush Resistance

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

### ENVIRONMENTAL PERFORMANCE

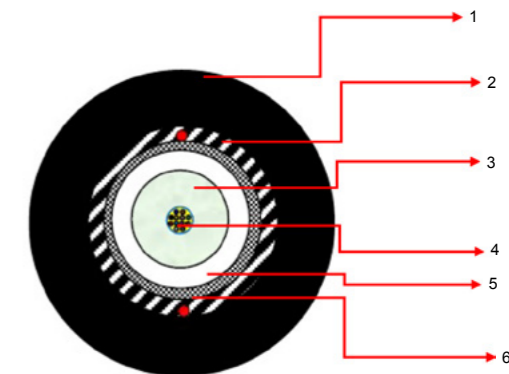
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	2	3	50 N	100 N
4	1	2	3	50 N	100 N
8	1	2	3	50 N	100 N
12	1	2	3	50 N	100 N

## Non Metallic Central Tube Single Jacket Cable

### CABLE STRUCTURE

1. Outer Sheath
2. Peripheral Strength Material
3. Filling Compound
4. Fiber Core
5. Central Tube
6. Water Blocking Tape



### PRODUCT FEATURES

- Compact Design
- Rodent Protection
- Water Blocking Protection
- UV Protected
- Fully Dielectric

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20

### ENVIRONMENTAL PERFORMANCE

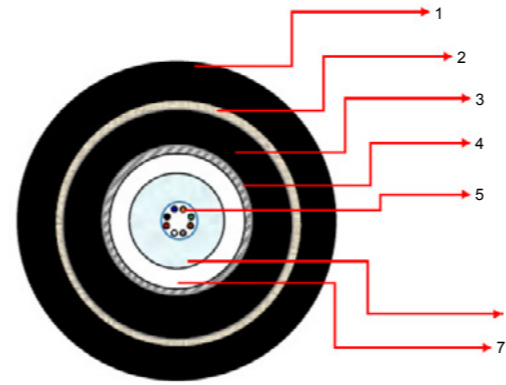
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	8.5	60	1000 N	2000 N
4	1	8.5	60	1000 N	2000 N
6	1	8.5	60	1000 N	2000 N
8	1	8.5	60	1000 N	2000 N
12	1	8.5	60	1000 N	2000 N
24	1	8.5	60	1000 N	2000 N
36	1	8.5	60	1000 N	2000 N
48	1	8.5	60	1000 N	2000 N

## Non Metallic Central Tube Double Jacket Cable

### CABLE STRUCTURE

1. Outer Sheath
2. Peripheral Strength Material
3. Inner Sheath
4. Water Blocking Tape
5. Fiber Core
6. Filling Compound
7. Central Tube



### PRODUCT FEATURES

- High Crush Resistant
- Rodent Protection
- Water Blocking Protection
- UV Protected

### STANDARDS

IEC 60794  
EN 60794  
ANSI/IECA S-87-640  
Telecordia GR-20

### ENVIRONMENTAL PERFORMANCE

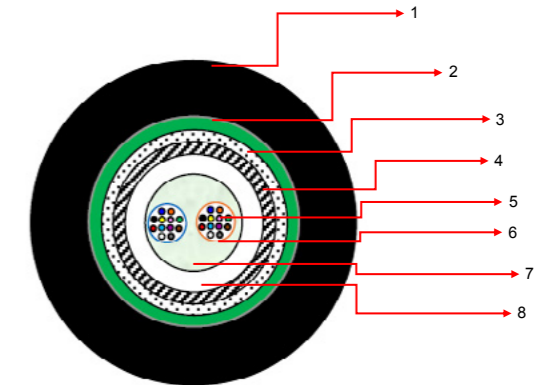
Operating Temp. (-20°C to 70°C)  
Installation Temp (-10°C to 50°C)  
Storage Temp. (-10°C to 50°C)  
Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	10	80	2000 N	4000 N
4	1	10	80	2000 N	4000 N
6	1	10	80	2000 N	4000 N
8	1	10	80	2000 N	4000 N
12	1	10	80	2000 N	4000 N
24	1	10	80	2000 N	4000 N
36	1	10	80	2000 N	4000 N
48	1	10	80	2000 N	4000 N

## Steel Armored Central Tube Single Jacket Cable

### CABLE STRUCTURE

1. Outer Sheath
2. Corrugated Steel Tape
3. Peripheral Strength Material
4. Water Blocking Tape
5. Fiber Core
6. Bundle Identification Yarn
7. Filling Compound
8. Central Tube



### PRODUCT FEATURES

- High Tensile & Crush Resistant
- Rodent Protection
- Water Blocking Protection
- UV Protected

### STANDARDS

IEC 60794  
EN 60794  
ANSI/IECA S-87-640  
Telecordia GR-20

### ENVIRONMENTAL PERFORMANCE

Operating Temp. (-20°C to 70°C)  
Installation Temp (-10°C to 50°C)  
Storage Temp. (-10°C to 50°C)  
Relative Humidity (5% to 95%)

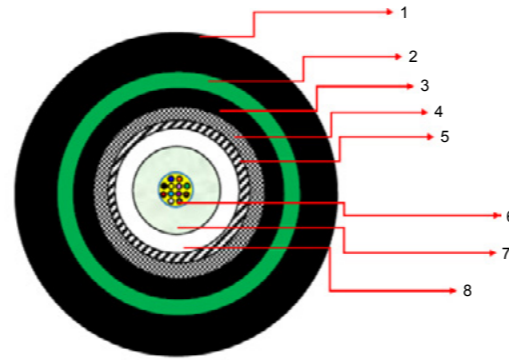
NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	9.5	90	2000 N	3000 N
4	1	9.5	90	2000 N	3000 N
6	1	9.5	90	2000 N	3000 N
8	1	9.5	90	2000 N	3000 N
12	1	9.5	90	2000 N	3000 N
24	1	9.5	90	2000 N	3000 N
36	1	9.5	90	2000 N	3000 N
48	1	9.5	90	2000 N	3000 N



## Steel Armored Central Tube Double Jacket Cable

### CABLE STRUCTURE

1. Outer Sheath
2. Corrugated Steel Tape
3. Inner Sheath
4. Peripheral Strength Material
5. Water Blocking Tape
6. Fiber Core
7. Filling Compound
8. Central Tube



### PRODUCT FEATURES

- High Tensile & Crush Resistant
- Rodent Protection
- Water Blocking Protection
- UV Protected

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20

### ENVIRONMENTAL PERFORMANCE

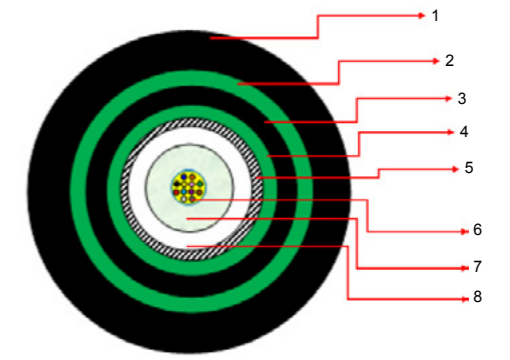
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	11.2	135	2000 N	4000 N
4	1	11.2	135	2000 N	4000 N
6	1	11.2	135	2000 N	4000 N
8	1	11.2	135	2000 N	4000 N
12	1	11.2	135	2000 N	4000 N
24	1	11.2	135	2000 N	4000 N
36	1	11.2	135	2000 N	4000 N
48	1	11.2	135	2000 N	4000 N

## Double Steel Armored Central Tube Double Jacket Cable

### CABLE STRUCTURE

1. Outer Sheath
2. Corrugated Steel Tape
3. Inner Sheath
4. Corrugated Steel Tape
5. Peripheral Strength Material
6. Fiber Core
7. Filling Compound
8. Central Tube



### PRODUCT FEATURES

- High Tensile & Crush Resistant
- Rodent Protection
- Water Blocking Protection
- UV Protected

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20

### ENVIRONMENTAL PERFORMANCE

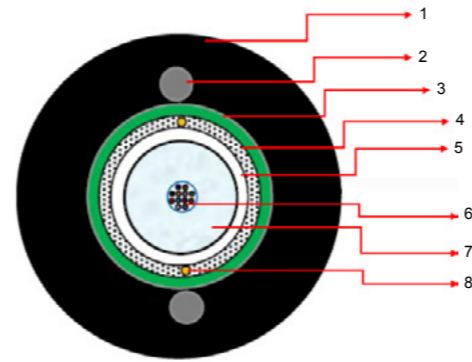
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	12.4	225	2000	3000
4	1	12.4	225	2000	3000
6	1	12.4	225	2000	3000
8	1	12.4	225	2000	3000
12	1	12.4	225	2000	3000
24	1	12.4	225	2000	3000
36	1	12.4	225	2000	3000
48	1	12.4	225	2000	3000

## Steel Armored with Two Steel Wire Central Tube Single Jacket

### CABLE STRUCTURE

1. Outer Sheath
2. Steel Wire
3. Corrugated Steel Tape
4. Peripheral Strength Material
5. Central Tube
6. Fiber Core
7. Filling Compound
8. Ripcord



### PRODUCT FEATURES

- High Tensile & Crush Resistant
- Rodent Protection
- Water Blocking Protection
- UV Protected

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20

### ENVIRONMENTAL PERFORMANCE

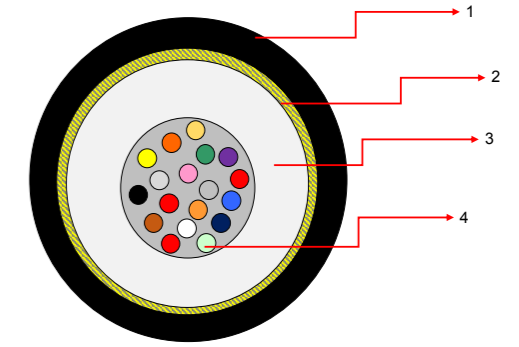
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	10.5	140	3000	3000
4	1	10.5	140	3000	3000
6	1	10.5	140	3000	3000
8	1	10.5	140	3000	3000
12	1	10.5	140	3000	3000
24	1	10.5	140	3000	3000
36	1	10.5	140	3000	3000
48	1	10.5	140	3000	3000

## Mini Air Blown Fiber Cable

### CABLE STRUCTURE

1. Outer Sheath
2. Peripheral Strength Material Aramid Yarn
3. Central Tube
4. Fiber core



### PRODUCT FEATURES

- Easy Blowing Installation
- Easy to Joint
- Fully Dielectric
- FTTH Solution

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20

### ENVIRONMENTAL PERFORMANCE

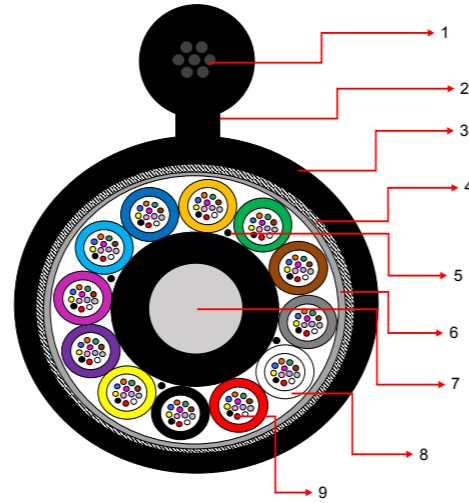
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	2.5	7	100	300
4	1	2.5	7	100	300
6	1	2.5	7	100	300
8	1	2.5	7	100	300
12	1	2.5	7	100	300
24	1	2.8	9	100	300

## Aerial Loose Tube Figure 8 Cable

### CABLE STRUCTURE

1. Messenger Wire
2. Neck
3. Outer Sheath
4. Peripheral Strength Material
5. Water Blocking Yarn
6. Water Blocking Tape
7. Fiber Reinforced Plastic (FRP)
8. Loose Tube (Jelly Filled)
9. Fiber



### PRODUCT FEATURES

- High Tensile Strength
- Aerial installation for Backbone connection
- FTTH Solution
- Easy & Fast Termination
- UV Protected
- Water Blocking

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

### ENVIRONMENTAL PERFORMANCE

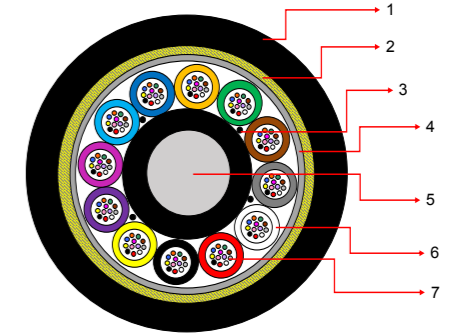
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	10.8x19	170	10000	3000
4	1	10.8x19	170	10000	3000
6	1	10.8x19	170	10000	3000
8	1	10.8x19	170	10000	3000
12	1	10.8x19	170	10000	3000
24	2	10.8x19	170	10000	3000
36	3	10.8x19	170	10000	3000
48	4	10.8x19	170	10000	3000
72	6	10.8x19	170	10000	3000
96	8	12.5x20.5	220	10000	3000
144	12	16x24	275	10000	3000

## All Dielectric Self Support (ADSS) Single Jacket Cable

### CABLE STRUCTURE

1. Outer Sheath
2. Aramid Yarn
3. Water Blocking Yarn
4. Water Blocking Tape
5. Fiber Reinforced Plastic (FRP)
6. Loose Tube (Jelly Filled)
7. Fiber



### PRODUCT FEATURES

- Aerial Application
- Fully Dielectric
- High Tensile Strength
- UV Resistant

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

### ENVIRONMENTAL PERFORMANCE

Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

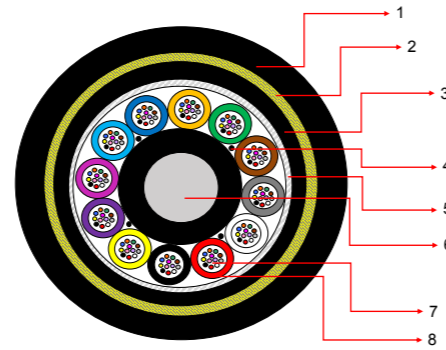
NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	10	90	4000 N	2000 N
4	1	10	90	4000 N	2000 N
6	1	10	90	4000 N	2000 N
8	1	10	90	4000 N	2000 N
12	1	10	90	4000 N	2000 N
24	2	10	90	4000 N	2000 N
36	3	10	90	4000 N	2000 N
48	4	10	90	4000 N	2000 N
72	6	10	90	4000 N	2000 N
96	8	11.4	90	4000 N	2000 N
144	12	14	167	4000 N	2000 N
288	24	17	220	4000 N	2000 N
432	36	20.5	270	4000 N	2000 N



## All Dielectric Self Support (ADSS) Double Jacket Cable

### CABLE STRUCTURE

1. Outer Sheath
2. Aramid Yarn
3. Inner Sheath
4. Water Blocking Yarn
5. Water Blocking Tape
6. Fiber Reinforced Plastic (FRP)
7. Fiber
8. Loose Tube (Jelly Filled)



### PRODUCT FEATURES

- Aerial Application
- Fully Dielectric
- High Tensile Strength
- UV Resistant

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

### ENVIRONMENTAL PERFORMANCE

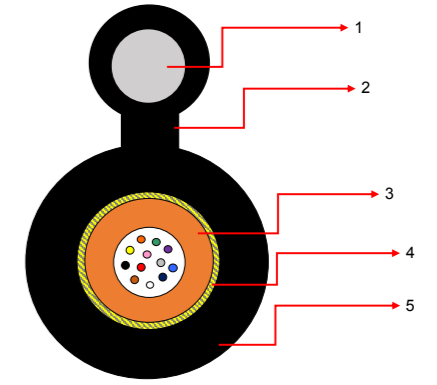
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
2	1	14.5	145	6900	3000
4	1	14.5	146	6900	3000
6	1	14.5	147	6900	3000
8	1	14.5	148	6900	3000
12	1	14.5	149	6900	3000
24	2	14.5	150	6900	3000
36	3	14.5	151	6900	3000
48	4	14.5	152	6900	3000
72	6	14.5	153	6900	3000
96	8	15.3	195	7700	3000
144	12	19	290	9200	3000
288	24				

## Aerial Central Tube Figure 8

### CABLE STRUCTURE

1. Steel Wire
2. Neck
3. Central Tube (Jelly Filled)
4. Peripheral Strength Material
5. Outer Sheath



### PRODUCT FEATURES

- High Tensile Strength
- Aerial installation for last mile connection
- FTTH Solution
- UV Protected
- Water Blocking

### STANDARDS

IEC 60794  
 EN 60794  
 ANSI/IECA S-87-640  
 Telecordia GR-20  
 ITU-U Recommendations

### ENVIRONMENTAL PERFORMANCE

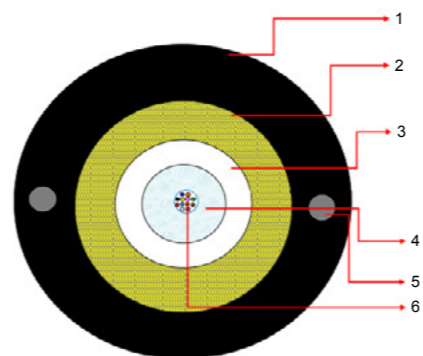
Operating Temp. (-20°C to 70°C)  
 Installation Temp (-10°C to 50°C)  
 Storage Temp. (-10°C to 50°C)  
 Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
4	1	5.2x10.2	48. Kg/Km	1200 N	1000 N
6	1	5.2x10.2	48. Kg/Km	1200 N	1000 N
8	1	5.2x10.2	48. Kg/Km	1200 N	1000 N
12	1	5.2x10.2	48. Kg/Km	1200 N	1000 N

# Simplex Drop Cable

## CABLE STRUCTURE

1. LSZH Outer Sheath
2. Peripheral Strength Material
3. Central Tube
4. Filling Compound
5. Embedded Strength Member
6. Fiber Core



## PRODUCT FEATURES

- Drop Cable for FTTH Networks
- UV Resistant
- Flexible LSZH Inner Jacket
- Tight Buffer
- Fully Dielectric Design
- Easy to Terminate
- Compact & Lightweight Design
- High Tensile Strength

## STANDARDS

- IEC 60794
- EN 60794
- ANSI/IECA S-87-640
- Telecordia GR-20
- ITU-U Recommendations

## ENVIRONMENTAL PERFORMANCE

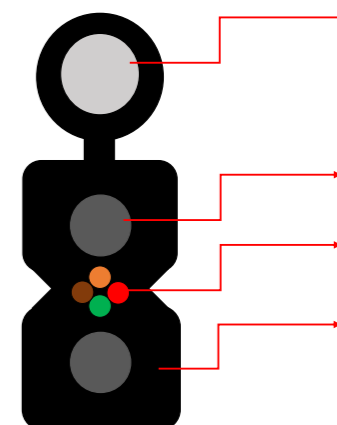
- Operating Temp. (-20°C to 70°C)
- Installation Temp (-10°C to 50°C)
- Storage Temp. (-10°C to 50°C)
- Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
1	1	6	33	1200	500

# Flat Drop Cable with Messenger Wire

## CABLE STRUCTURE

1. Messenger-Steel Rod
2. Embedded Element-FRP Rod(2Nos)
3. Colored fiber Core
4. LSZH Outer Sheath Black



## PRODUCT FEATURES

- Drop Cable for FTTH Networks
- High Tensile Strength
- LSZH Jacket
- Easy to Terminate

## STANDARDS

- IEC 60794
- EN 60794
- ANSI/IECA S-87-640
- Telecordia GR-20
- ITU-U Recommendations

## ENVIRONMENTAL PERFORMANCE

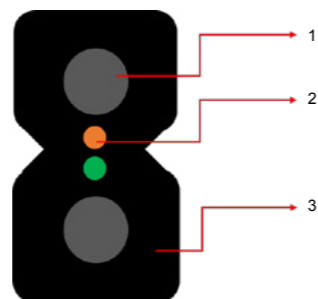
- Operating Temp. (-20°C to 70°C)
- Installation Temp (-10°C to 50°C)
- Storage Temp. (-10°C to 50°C)
- Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
1	1	2x5	20	450	400
2	2	2x5	20	450	400
4	4	2x5	20	450	400

# Flat Drop cable

## CABLE STRUCTURE

1. Embedded Element - FRP Rod (2Nos)
2. Coloured Fibre
3. Sheath LSZH, Black



## PRODUCT FEATURES

- Drop Cable for FTTH Networks
- High Tensile Strength
- LSZH Jacket
- Easy to Terminate
- Compact & Lightweight Design

## STANDARDS

IEC 60794  
EN 60794  
ANSI/IECA S-87-640  
Telecordia GR-20  
ITU-U Recommendations

## ENVIRONMENTAL PERFORMANCE

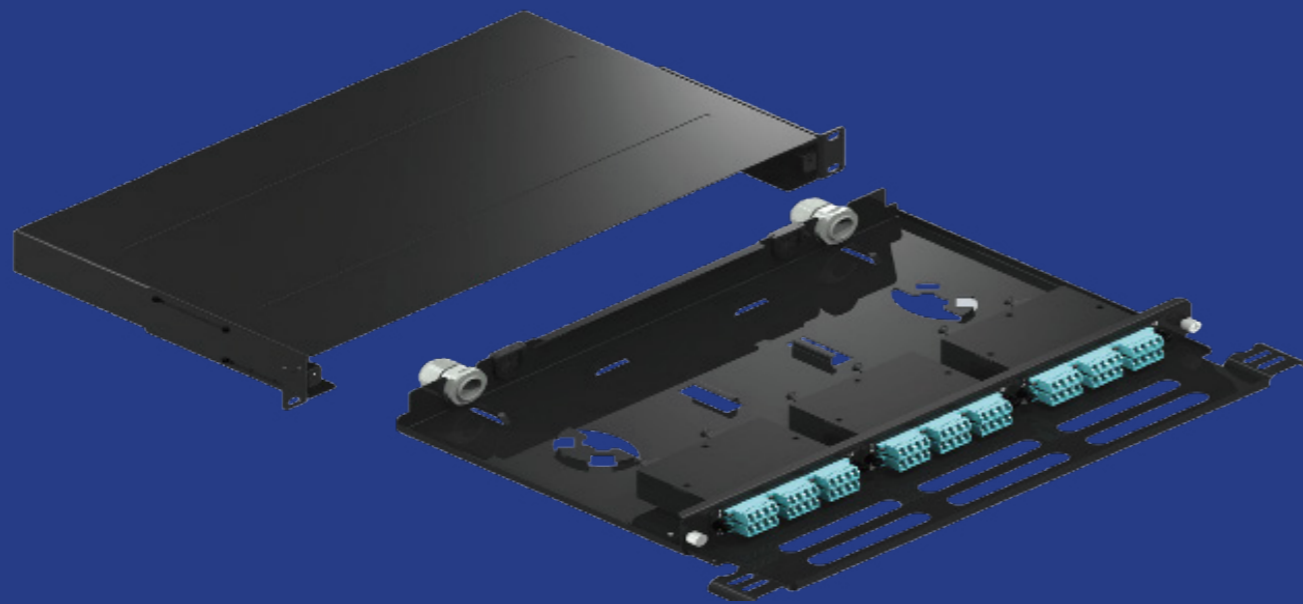
Operating Temp. (-20°C to 70°C)  
Installation Temp (-10°C to 50°C)  
Storage Temp. (-10°C to 50°C)  
Relative Humidity (5% to 95%)

NO. OF FIBERS	NO. OF TUBE	NOMINAL DIAMETER (MM)	NOMINAL WEIGHT (KG/KM)	MAX TENSIL LOAD (N)	CRUSH (N)
1	1	2x3	9	200	400
2	2	2x3	9	200	400
4	4	2x3	9	200	400



# Single Mode Patch Panel

Connect with confidence through high performance fiber panels



## MAIN FEATURES

- FULL LINE OF HIGH-PERFORMING FIBER PANELS
- HIGH-DENSITY PANELS PATCH UP TO 288 FIBERS, PRETERMINATED WITH PIGTAILS
- REDUCES INSTALLATION COST AND TIME
- FITS ALL STANDARD 19-INCH RACKS
- PROVIDES TERMINATION, PROTECTION, CONNECTION, AND MANAGEMENT OF FIBER OPTIC CABLE
- SCALABILITY TO MEET EVOLVING NETWORK NEEDS, WITH MODULAR DESIGNS THAT CAN BE EXPANDED AS REQUIRED

## HD Fully Loaded Fiber Patch Panel



### PRODUCT FEATURES

- HD fiber patch panel fully loaded with adaptors and pigtails
- Full line of high-performing fiber panels
- High-density panels patch up to 288 fibers/ 144LC Duplex
- Plug & play preterminated fiber solution reduces installation cost & time
- Fits all standard 19-inch racks
- Provides termination, protection, connection, and management of fiber optic cable

### Fiber Optic Panel LC/APC Duplex

DESCRIPTION	TYPE	SIZE	CONNECTOR	# OF PORTS	PART NUMBER
Fiber Optic Panel	Fully Loaded	1U	LC/APC Dx	6	SW1312 1111
Fiber Optic Panel	Fully Loaded	1U	LC/APC Dx	12	SW1312 1112
Fiber Optic Panel	Fully Loaded	1U	LC/APC Dx	18	SW1312 1113
Fiber Optic Panel	Fully Loaded	1U	LC/APC Dx	24	SW1312 1114
Fiber Optic Panel	Fully Loaded	1U	LC/APC Dx	36	SW1312 1115
Fiber Optic Panel	Fully Loaded	1U	LC/APC Dx	48	SW1312 1116
Fiber Optic Panel	Fully Loaded	2U	LC/APC Dx	72	SW1312 1217
Fiber Optic Panel	Fully Loaded	2U	LC/APC Dx	96	SW1312 1218
Fiber Optic Panel	Fully Loaded	4U	LC/APC Dx	144	SW1312 1419

### Fiber Optic Panel LC/UPC Duplex

DESCRIPTION	TYPE	SIZE	CONNECTOR	# OF PORTS	PART NUMBER
Fiber Optic Panel	Fully Loaded	1U	LC/UPC Dx	6	SW1312 1121
Fiber Optic Panel	Fully Loaded	1U	LC/UPC Dx	12	SW1312 1122
Fiber Optic Panel	Fully Loaded	1U	LC/UPC Dx	18	SW1312 1123
Fiber Optic Panel	Fully Loaded	1U	LC/UPC Dx	24	SW1312 1124
Fiber Optic Panel	Fully Loaded	1U	LC/UPC Dx	36	SW1312 1125
Fiber Optic Panel	Fully Loaded	1U	LC/UPC Dx	48	SW1312 1126
Fiber Optic Panel	Fully Loaded	2U	LC/UPC Dx	72	SW1312 1227
Fiber Optic Panel	Fully Loaded	2U	LC/UPC Dx	96	SW1312 1228
Fiber Optic Panel	Fully Loaded	4U	LC/UPC Dx	144	SW1312 1429

## HD Fully Loaded Fiber Patch Panel



### PRODUCT FEATURES

- HD fiber patch panel fully loaded with adaptors and pigtails
- Full line of high-performing fiber panels
- High-density panels patch up to 144SC Duplex fibers, preterminated with pigtails
- Plug & play preterminated fiber solution reduces installation cost & time
- Fits all standard 19-inch racks
- Provides termination, protection, connection, and management of fiber optic cable

### Fiber Optic Panel SC/APC Duplex

DESCRIPTION	TYPE	SIZE	CONNECTOR	# OF PORTS	PART NUMBER
Fiber Optic Panel	Fully Loaded	1U	SC/APC Dx	6	SW1312 1131
Fiber Optic Panel	Fully Loaded	1U	SC/APC Dx	12	SW1312 1132
Fiber Optic Panel	Fully Loaded	1U	SC/APC Dx	18	SW1312 1133
Fiber Optic Panel	Fully Loaded	1U	SC/APC Dx	24	SW1312 1134
Fiber Optic Panel	Fully Loaded	2U	SC/APC Dx	36	SW1312 1235
Fiber Optic Panel	Fully Loaded	2U	SC/APC Dx	48	SW1312 1236
Fiber Optic Panel	Fully Loaded	4U	SC/APC Dx	72	SW1312 1437

### Fiber Optic Panel SC/UPC Duplex

DESCRIPTION	TYPE	SIZE	CONNECTOR	# OF PORTS	PART NUMBER
Fiber Optic Panel	Fully Loaded	1U	SC/UPC Dx	6	SW1312 1141
Fiber Optic Panel	Fully Loaded	1U	SC/UPC Dx	12	SW1312 1142
Fiber Optic Panel	Fully Loaded	1U	SC/UPC Dx	18	SW1312 1143
Fiber Optic Panel	Fully Loaded	1U	SC/UPC Dx	24	SW1312 1144
Fiber Optic Panel	Fully Loaded	2U	SC/UPC Dx	36	SW1312 1245
Fiber Optic Panel	Fully Loaded	2U	SC/UPC Dx	48	SW1312 1246
Fiber Optic Panel	Fully Loaded	4U	SC/UPC Dx	72	SW1312 1447

## HD Fully Loaded Fiber Patch Panel



### PRODUCT FEATURES

- HD fiber patch panel fully loaded with adaptors and pigtails
- Full line of high-performing fiber panels
- High-density panels patch up to 144 fibers/ SC Simplex fibers, preterminated with pigtails
- Plug & play preterminated fiber solution reduces installation cost & time
- Fits all standard 19-inch racks
- Provides termination, protection, connection, and management of fiber optic cable

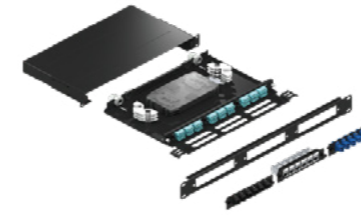
### Fiber Optic Panel SC/APC Simplex

DESCRIPTION	TYPE	SIZE	CONNECTOR	# OF PORTS	PART NUMBER
Fiber Optic Panel	Fully Loaded	1U	SC/APC Sx	6	SW1312 1151
Fiber Optic Panel	Fully Loaded	1U	SC/APC Sx	12	SW1312 1152
Fiber Optic Panel	Fully Loaded	1U	SC/APC Sx	18	SW1312 1153
Fiber Optic Panel	Fully Loaded	1U	SC/APC Sx	24	SW1312 1154
Fiber Optic Panel	Fully Loaded	1U	SC/APC Sx	36	SW1312 1155
Fiber Optic Panel	Fully Loaded	2U	SC/APC Sx	48	SW1312 1256
Fiber Optic Panel	Fully Loaded	2U	SC/APC Sx	72	SW1312 1257
Fiber Optic Panel	Fully Loaded	2U	SC/APC Sx	96	SW1312 1258
Fiber Optic Panel	Fully Loaded	4U	SC/APC Sx	144	SW1312 1459

### Fiber Optic Panel SC/UPC Simplex

DESCRIPTION	TYPE	SIZE	CONNECTOR	# OF PORTS	PART NUMBER
Fiber Optic Panel	Fully Loaded	1U	SC/UPC Sx	6	SW1312 1161
Fiber Optic Panel	Fully Loaded	1U	SC/UPC Sx	12	SW1312 1162
Fiber Optic Panel	Fully Loaded	1U	SC/UPC Sx	18	SW1312 1163
Fiber Optic Panel	Fully Loaded	1U	SC/UPC Sx	24	SW1312 1164
Fiber Optic Panel	Fully Loaded	1U	SC/UPC Sx	36	SW1312 1165
Fiber Optic Panel	Fully Loaded	2U	SC/UPC Sx	48	SW1312 1266
Fiber Optic Panel	Fully Loaded	2U	SC/UPC Sx	72	SW1312 1267
Fiber Optic Panel	Fully Loaded	2U	SC/UPC Sx	96	SW1312 1268
Fiber Optic Panel	Fully Loaded	2U	SC/UPC Sx	144	SW1312 1469

## High Density Modular Fiber Panel



### PRODUCT FEATURES

- Suitable for high-density installation system
- Unique modular design, and the full range of cassettes allows patch panel assembly as requested
- Easy to assemble and exchange
- Fits all standard 19 inch racks
- Smooth sliding tray with a self-lock function

DESCRIPTION	TYPE	SIZE	Number of Cassettes	PART NUMBER
Fiber Optic Panel	HDM Fiber Panel	1U	Up to 4 Splicing Cassettes	SW1312 3101
Fiber Optic Panel	HDM Fiber Panel	2U	Up to 8 Splicing Cassettes	SW1312 3102
Fiber Optic Panel	HDM Fiber Panel	4U	Up to 12 Splicing Cassettes	SW1312 3103
Fiber Optic Panel	LGX Fiber Panel	3U	Up to 3 MPO Cassette/Adaptor Plate	SW1312 3201
Fiber Optic Panel	LGX Fiber Panel	2U	Up to 6 MPO Cassette/Adaptor Plate	SW1312 3202
Fiber Optic Panel	LGX Fiber Panel	4U	Up to 12 MPO Cassette/Adaptor Plate	SW1312 3204

## Multi-function Drawer Loaded with SM Adaptor



### PRODUCT FEATURES

- MFD panel loaded with single mode adaptor
- Full line of high-performing fiber panels
- Fits all standard 19-inch racks
- Provides termination, protection, connection, and management of fiber optic cable

DESCRIPTION	TYPE	SIZE	CONNECTOR	# OF PORTS	PART NUMBER
MFD Panel	Loaded with SM Adaptor	1U	LC/APC Dx	12	SW1312 4112
MFD Panel	Loaded with SM Adaptor	1U	LC/APC Dx	24	SW1312 4114
MFD Panel	Loaded with SM Adaptor	1U	LC/UPC Dx	12	SW1312 4122
MFD Panel	Loaded with SM Adaptor	1U	LC/UPC Dx	24	SW1312 4124
MFD Panel	Loaded with SM Adaptor	1U	SC/APC Dx	12	SW1312 4132
MFD Panel	Loaded with SM Adaptor	1U	SC/APC Dx	24	SW1312 4134
MFD Panel	Loaded with SM Adaptor	1U	SC/UPC Dx	12	SW1312 4142
MFD Panel	Loaded with SM Adaptor	1U	SC/UPC Dx	24	SW1312 4144
MFD Panel	Loaded with SM Adaptor	1U	SC/APC Sx	12	SW1312 4152
MFD Panel	Loaded with SM Adaptor	1U	SC/APC Sx	24	SW1312 4154
MFD Panel	Loaded with SM Adaptor	1U	SC/UPC Sx	12	SW1312 4162
MFD Panel	Loaded with SM Adaptor	1U	SC/UPC Sx	24	SW1312 4164



## Multi-function Drawer Without Adaptor

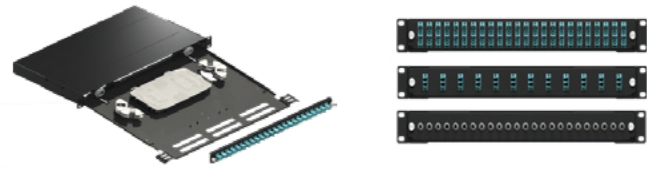


### PRODUCT FEATURES

- Fiber optic patch panel, 19" Rack-mountable, 1RU, no adaptor, no pigtails
- 12F/24F Splice tray
- Front sliding tray for easy installation and maintenance
- High flexibility with various adaptor plates: 12, 18, 24 ports
- Optional with front cable guide

DESCRIPTION	TYPE	SIZE	CONNECTOR	# OF PORTS	PART NUMBER
MFD Panel	Without Adaptor	1U	LC Quad / SC Dx	12	SW1312 5101
MFD Panel	Without Adaptor	1U	LC Dx / SC Sx	12	SW1312 5102
MFD Panel	Without Adaptor	1U	LC Dx / SC Sx	24	SW1312 5103
MFD Panel	Without Adaptor	1U	LC Quad / SC Dx	24	SW1312 5104

## Changeable Front Plate Panels

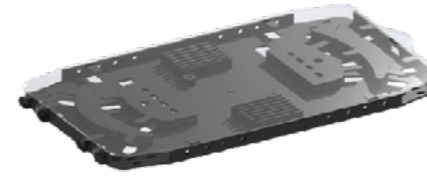


### PRODUCT FEATURES

- Front-loaded adaptor plates save time
- They are either delivered separately or pre-assembled for quick installation
- High density with up to 48 LC Duplex Ports in 1U
- Adapters provide fast and simple connectivity

FRONT PLATES	CONNECTOR	# OF PORTS	PART NUMBER
Fiber Optic Panel for Changeable Front Plate (Housing without Plate)	—	—	SW1312 6000
Single Mode Front Plates	LC/APC Duplex	12 Duplex	SW1312 6011
Single Mode Front Plates	LC/APC Duplex	24 Duplex	SW1312 6012
Single Mode Front Plates	LC/APC Quad	12 QUAD	SW1312 6013
Single Mode Front Plates	LC/APC Quad	24 QUAD	SW1312 6014
Single Mode Front Plates	LC/UPC Duplex	12 Duplex	SW1312 6021
Single Mode Front Plates	LC/UPC Duplex	24 Duplex	SW1312 6022
Single Mode Front Plates	LC/UPC Quad	12 QUAD	SW1312 6023
Single Mode Front Plates	LC/UPC Quad	24 QUAD	SW1312 6024
Single Mode Front Plates	SC/APC Duplex	12 Duplex	SW1312 6031
Single Mode Front Plates	SC/APC Duplex	24 Duplex	SW1312 6032
Single Mode Front Plates	SC/UPC Duplex	12 Duplex	SW1312 6041
Single Mode Front Plates	SC/UPC Duplex	24 Duplex	SW1312 6042
Single Mode Front Plates	SCAPC Simplex	12 Simplex	SW1312 6051
Single Mode Front Plates	SCAPC Simplex	24 Simplex	SW1312 6052
Single Mode Front Plates	SC/UPC Simplex	12 Simplex	SW1312 6061
Single Mode Front Plates	SC/UPC Simplex	24 Simplex	SW1312 6062
Single Mode Front Plates	FC Simplex	24 Simplex	SW1312 6071
Single Mode Front Plates	ST Simplex	24 Simplex	SW1312 6081

## Fiber Panel Accessories



### FRONT PLATES

	PART NUMBER
12 Fibers fusion splice tray	SW1312 6001
24Fibers fusion splice tray	SW1312 6002
Fiber spool cable routing, 4pcs/set	SW1312 6003
Cable gland M20 fits cable	SW1312 6004
Cable gland M25 fits cable	SW1312 6005
Protective heat shrink for fiber optic splices, 60 mm	SW1312 6006
Protective heat shrink for fiber optic splices, 45 mm, packed with 50 PCs	SW1312 6007
Protective heat shrink for fiber optic splices, 35 mm	SW1312 6008
Kit for grounding wire 10AWG, with universal grounding clip 20 CM	SW1312 6009

# Single Mode Fiber Cassette

## MAIN FEATURES

- SPACE OPTIMIZATION
- EASY INSTALLATION
- HIGH BANDWIDTH CAPACITY

Unleash the power of high-speed connectivity with our premium fiber cassette solutions



# SM Fiber Cassette

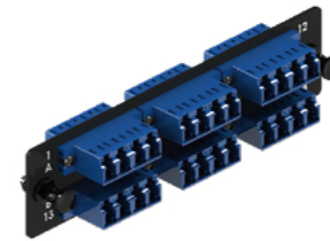


## PRODUCT FEATURES

- To mount in a single slot at HDM fiber panel
- 12/24 fiber variants
- Equipped with FO adapters
- Equipped with pigtail set
- LC duplex, SC, interface support
- Plastic material
- Cable reserve organizers
- Pigtails reverse organizers
- Cable fastening

## APPLICATIONS

- Data center & FTTX connectivity



## PRODUCT FEATURES

- For simple & fast deployment
- Snap-in design for easy installation and removal
- Ranges from low to high density fiber counts
- Supplied with pre-loaded adapters"

DESCRIPTION	CONNECTOR	# OF FIBER	PART NUMBER
Single Mode Adaptor Panel	LC/APC	12 F	SW1313 1311
Single Mode Adaptor Panel	LC/APC	24F	SW1313 1312
Single Mode Adaptor Panel	LC/UPC	12 F	SW1313 1313
Single Mode Adaptor Panel	LC/UPC	24F	SW1313 1314
Single Mode Adaptor Panel	SC/UPC	6F	SW1313 1315
Single Mode Adaptor Panel	SC/UPC	12F	SW1313 1316
Single Mode Adaptor Panel	SC/APC	6F	SW1313 1317
Single Mode Adaptor Panel	SC/APC	12F	SW1313 1318

DESCRIPTION	TYPE	CONNECTOR	# OF FIBER	PART NUMBER
Single Mode Fiber Cassette	Without pigtail	LC/APC	12	SW1313 1111
Single Mode Fiber Cassette	Without pigtail	LC/APC	24	SW1313 1112
Single Mode Fiber Cassette	Without pigtail	SC/APC	6	SW1313 1121
Single Mode Fiber Cassette	Without pigtail	SC/APC	12	SW1313 1122
Single Mode Fiber Cassette	Without pigtail	LC/UPC	12	SW1313 1211
Single Mode Fiber Cassette	Without pigtail	LC/UPC	24	SW1313 1212
Single Mode Fiber Cassette	Without pigtail	SC/UPC	6	SW1313 1221
Single Mode Fiber Cassette	Without pigtail	SC/UPC	12	SW1313 1222
Single Mode Fiber Cassette	With pigtail	LC/APC, G657A	12	SW1313 2111
Single Mode Fiber Cassette	With pigtail	LC/APC, G657A	24	SW1313 2112
Single Mode Fiber Cassette	With pigtail	SC/APC, G657A	6	SW1313 2121
Single Mode Fiber Cassette	With pigtail	SC/APC, G657A	12	SW1313 2122
Single Mode Fiber Cassette	With pigtail	LC/UPC, G657A	12	SW1313 2211
Single Mode Fiber Cassette	With pigtail	LC/UPC, G657A	24	SW1313 2212
Single Mode Fiber Cassette	With pigtail	SC/UPC, G657A	6	SW1313 2221
Single Mode Fiber Cassette	With pigtail	SC/UPC, G657A	12	SW1313 2222



DESCRIPTION	CONNECTOR	# OF FIBER	PART NUMBER
LGX, MPO Fiber Adapter Panel	Key-up to Key-down	6 MPO	SW1313 1321
LGX, MPO Fiber Adapter Panel	Key-up to Key-up	6 MPO	SW1313 1322
LGX adaptor panel	Panel blank		SW1313 1000
LGX RJ45 FTP empty adaptor panel			SW1313 1001
HDM Panel blank			SW1313 1002



# SM MPO Fiber Cassette



## PRODUCT FEATURES

- Plug & play solution
- To mount in a single HDM / MPO fiber panel slot
- 12/24 fiber variants
- Type A/B connections
- Equipped with FO adapters
- Factory-made connections inside the cassette
- LC duplex, SC, interface support
- Cable reserve organizers
- Pigtails reverse organizers
- Cable fastening

## APPLICATIONS

- Data center & FTTX connectivity

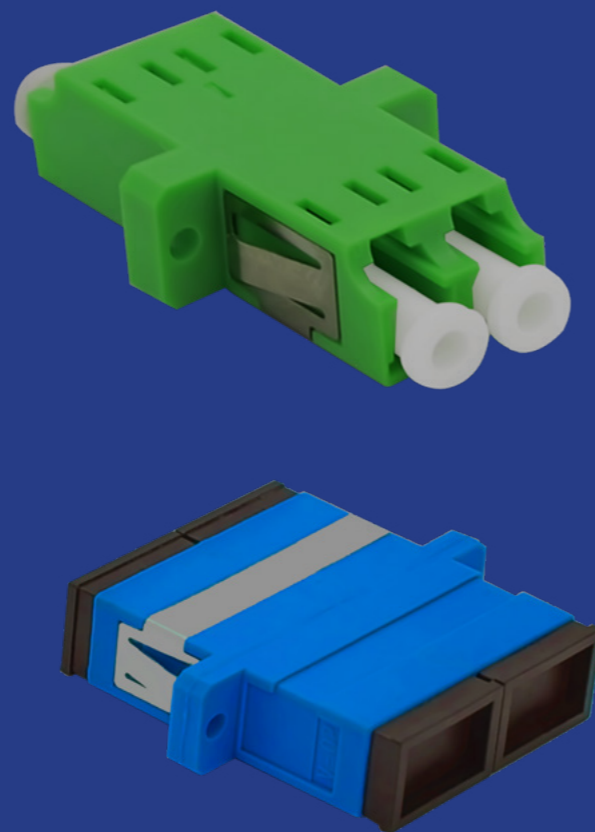
DESCRIPTION	TYPE	FIBER TYPE	CONNECTOR	POLARITY	PART NUMBER
Single Mode Cassette	MPO 12 Fiber	OS2	6 LC/APC Duplex	Type A standard	SW1313 3111
Single Mode Cassette	MPO 12 Fiber	OS2	6 LC/APC Duplex	Type A flipped	SW1313 3112
Single Mode Cassette	MPO 12 Fiber	OS2	6 LC/APC Duplex	Type B standard	SW1313 3113
Single Mode Cassette	MPO 12 Fiber	OS2	6 LC/APC Duplex	Type B flipped	SW1313 3114
Single Mode Cassette	MPO 12 Fiber	OS2	6 SC / APC Duplex	Type A standard	SW1313 3121
Single Mode Cassette	MPO 12 Fiber	OS2	6 SC / APC Duplex	Type A flipped	SW1313 3122
Single Mode Cassette	MPO 12 Fiber	OS2	6 SC / APC Duplex	Type B standard	SW1313 3123
Single Mode Cassette	MPO 12 Fiber	OS2	6 SC / APC Duplex	Type B flipped	SW1313 3124
Single Mode Cassette	MPO 12 Fiber	OS2	6 LC / UPC Duplex	Type A standard	SW1313 3131
Single Mode Cassette	MPO 12 Fiber	OS2	6 LC / UPC Duplex	Type A flipped	SW1313 3132
Single Mode Cassette	MPO 12 Fiber	OS2	6 LC / UPC Duplex	Type B standard	SW1313 3133
Single Mode Cassette	MPO 12 Fiber	OS2	6 LC / UPC Duplex	Type B flipped	SW1313 3134
Single Mode Cassette	MPO 12 Fiber	OS2	6 SC / UPC Duplex	Type A standard	SW1313 3141
Single Mode Cassette	MPO 12 Fiber	OS2	6 SC / UPC Duplex	Type A flipped	SW1313 3142
Single Mode Cassette	MPO 12 Fiber	OS2	6 SC / UPC Duplex	Type B standard	SW1313 3143
Single Mode Cassette	MPO 12 Fiber	OS2	6 SC / UPC Duplex	Type B flipped	SW1313 3144
Single Mode Cassette	2X MPO	OS2	12 LC/APC Duplex	Type A standard	SW1313 3151
Single Mode Cassette	2X MPO	OS2	12 LC/APC Duplex	Type A flipped	SW1313 3152
Single Mode Cassette	2X MPO	OS2	12 LC/APC Duplex	Type B standard	SW1313 3153
Single Mode Cassette	2X MPO	OS2	12 LC/APC Duplex	Type B flipped	SW1313 3154
Single Mode Cassette	2X MPO	OS2	12 LC / UPC Duplex	Type A standard	SW1313 3161
Single Mode Cassette	2X MPO	OS2	12 LC / UPC Duplex	Type A flipped	SW1313 3162
Single Mode Cassette	2X MPO	OS2	12 LC / UPC Duplex	Type B standard	SW1313 3163
Single Mode Cassette	2X MPO	OS2	12 LC / UPC Duplex	Type B flipped	SW1313 3164

# Single Mode Adaptors & Pigtails

Seamless connectivity and  
optimal performance.

## MAIN FEATURES

- DESIGNED TO MINIMIZE  
INSERTION LOSS
- SIMPLE INSTALLATION
- COMPACT SIZE
- MEETS WITH TIA-568.3-D  
STANDARD



## SM Fiber Adaptor



### PRODUCT FEATURES

- Meets with TIA-568.3-D standard
- Panel clip for easy installation
- Snap-in designed dust cap

ADAPTOR	TYPE	CONNECTOR	DESCRIPTION	PART NUMBER
Single Mode Fiber Adaptor	Duplex	LC	Flange type, with zirconia sleeve, blue color	SW1314 101
Single Mode Fiber Adaptor	Duplex	LC	Flange type, with zirconia sleeve, green color	SW1314 102
Single Mode Fiber Adaptor	Quad	LC	Flange type, with zirconia sleeve, blue color	SW1314 103
Single Mode Fiber Adaptor	Quad	LC	Flange type, with zirconia sleeve, green color	SW1314 104
Single Mode Fiber Adaptor	Duplex	SC	Flange type, with zirconia sleeve, blue color	SW1314 201
Single Mode Fiber Adaptor	Duplex	SC	Flange type, with zirconia sleeve, green color	SW1314 202
Single Mode Fiber Adaptor	Simplex	SC	Flange type, with zirconia sleeve, blue color	SW1314 203
Single Mode Fiber Adaptor	Simplex	SC	Flange type, with zirconia sleeve, green color	SW1314 204
Single Mode Fiber Adaptor	Simplex	FC	D type, with zirconia sleeve, metal	SW1314 303

## SM Fiber Pigtail



### PRODUCT FEATURES

- Excellent performance for on site installation
- Complies with ANSI/TIA-492CAAC & TIA/EIA-604-10, 604-3, 604-4 standards

PIGTAIL	FIBER TYPE	CONNECTOR	LENGTH	PART NUMBER
Single Mode Fiber Pigtail, LSZH	G657A1	LC APC	1.5M	SW1315 1131
Single Mode Fiber Pigtail, LSZH	G657A1	LC APC	2.5M	SW1315 1132
Single Mode Fiber Pigtail, LSZH	G657A1	LC UPC	1.5M	SW1315 1231
Single Mode Fiber Pigtail, LSZH	G657A1	LC UPC	2.5M	SW1315 1232
Single Mode Fiber Pigtail, LSZH	G657A1	SC APC	1.5M	SW1315 1331
Single Mode Fiber Pigtail, LSZH	G657A1	SC APC	2.5M	SW1315 1332
Single Mode Fiber Pigtail, LSZH	G657A1	SC UPC	1.5M	SW1315 1431
Single Mode Fiber Pigtail, LSZH	G657A1	SC UPC	2.5M	SW1315 1432
Single Mode Fiber Pigtail, LSZH	G657A1	FC APC	1.5M	SW1315 1531
Single Mode Fiber Pigtail, LSZH	G657A1	FC APC	2.5M	SW1315 1532
Single Mode Fiber Pigtail, LSZH	G657A1	FC UPC	1.5M	SW1315 1631
Single Mode Fiber Pigtail, LSZH	G657A1	FC UPC	2.5M	SW1315 1632

Single Mode Fiber Pigtail, LSZH	G657A2	LC APC	1.5M	SW1315 2131
Single Mode Fiber Pigtail, LSZH	G657A2	LC APC	2.5M	SW1315 2132
Single Mode Fiber Pigtail, LSZH	G657A2	LC UPC	1.5M	SW1315 2231
Single Mode Fiber Pigtail, LSZH	G657A2	LC UPC	2.5M	SW1315 2232
Single Mode Fiber Pigtail, LSZH	G657A2	SC APC	1.5M	SW1315 2331
Single Mode Fiber Pigtail, LSZH	G657A2	SC APC	2.5M	SW1315 2332
Single Mode Fiber Pigtail, LSZH	G657A2	SC UPC	1.5M	SW1315 2431
Single Mode Fiber Pigtail, LSZH	G657A2	SC UPC	2.5M	SW1315 2432
Single Mode Fiber Pigtail, LSZH	G657A2	FC APC	1.5M	SW1315 2531
Single Mode Fiber Pigtail, LSZH	G657A2	FC APC	2.5M	SW1315 2532
Single Mode Fiber Pigtail, LSZH	G657A2	FC UPC	1.5M	SW1315 2631
Single Mode Fiber Pigtail, LSZH	G657A2	FC UPC	2.5M	SW1315 2632

## SM Fiber Optic Fast Connector

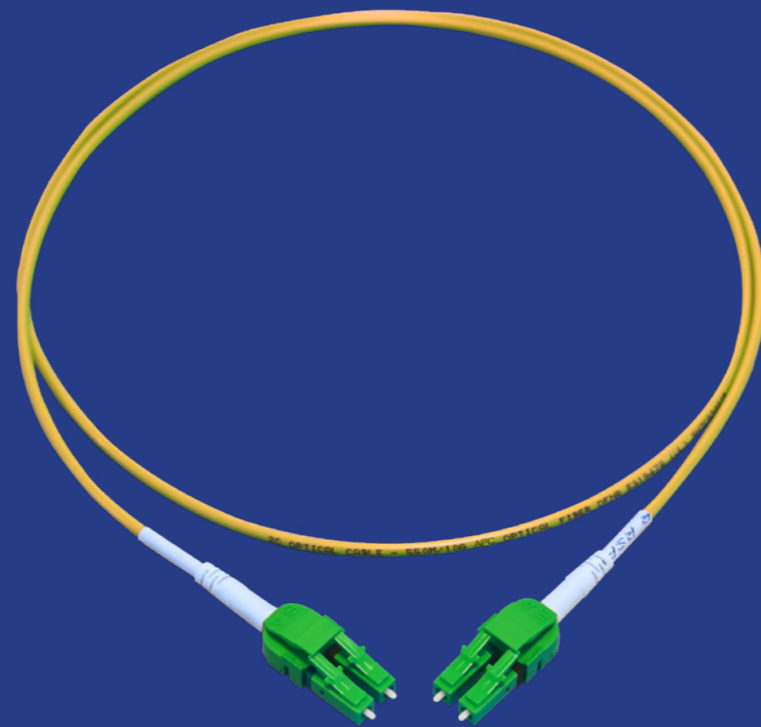


QUICK CONNECTOR	CONNECTOR	PART NUMBER
SM Fiber Optic Fast Connector	LC/APC	SW1315 001
SM Fiber Optic Fast Connector	LC/UPC	SW1315 002
SM Fiber Optic Fast Connector	SC/APC	SW1315 003
SM Fiber Optic Fast Connector	SC/UPC	SW1315 004



# Single Mode Fiber Patch Cord

Experience seamless connectivity with high-quality fiber patch cords.



## MAIN FEATURES

- HIGH-QUALITY MATERIALS AND CONSTRUCTION
- HIGHER-SPEED 100G NETWORKS
- MULTIPLE CONNECTOR OPTIONS, INCLUDING LC, SC, & ST
- LOW INSERTION LOSS & HIGH RETURN LOSS FOR OPTIMAL SIGNAL TRANSMISSION AND MINIMAL SIGNAL DEGRADATION

### Part Number illustration

<b>SW1316</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
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### Single Mode Fiber Patch Cord

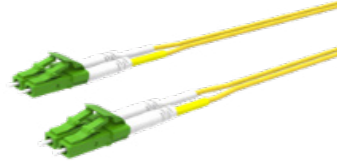
- 1:LC-LC APC
- 2:LC-LC UPC
- 3:SC-SC APC
- 4:SC-SC UPC
- 5:LC-SC APC
- 6:LC-SC UPC
- 7:ST-ST UPC
- 8:FC-FC UPC
- 9:LC APC - LC UPC
- 0:LC APC - SC UPC

Fiber Type  
1-A1  
2-A2

1-Simplex  
2-Duplex  
3-QR Unboots

0-9: Length of patch cord  
0=1m  
1=2m  
2=3m  
3=5m  
4=8m  
5=10m  
6=15m  
7=20m

## LC Duplex Patch cord



### PRODUCT FEATURES

- High-quality fiber patch cords
- Long-distance, high-bandwidth connections
- S.M LC-LC APC Duplex connectors
- High-speed transmission capabilities with support for 10G, 40G, and 100G networks
- LSZH outer sheath
- Complies with IEC60793-2-50, ANSI/TIA 492CAAC & TIA/EIZ-604-10 standards

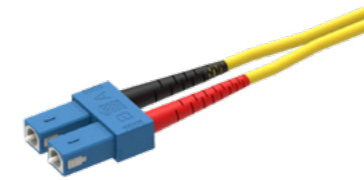
## LC APC Duplex Patch Cord

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Duplex	LC/APC to LC/APC	G657A1	1M	SW1316 1120
Single Mode Fiber Patch Cord	Duplex	LC/APC to LC/APC	G657A1	2M	SW1316 1121
Single Mode Fiber Patch Cord	Duplex	LC/APC to LC/APC	G657A1	3M	SW1316 1122
Single Mode Fiber Patch Cord	Duplex	LC/APC to LC/APC	G657A1	5M	SW1316 1123

## LC UPC Duplex Patch Cord

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Duplex	LC/UPC to LC/UPC	G657A1	1M	SW1316 1120
Single Mode Fiber Patch Cord	Duplex	LC/UPC to LC/UPC	G657A1	2M	SW1316 1121
Single Mode Fiber Patch Cord	Duplex	LC/UPC to LC/UPC	G657A1	3M	SW1316 1122
Single Mode Fiber Patch Cord	Duplex	LC/UPC to LC/UPC	G657A1	5M	SW1316 1123

## SC Duplex Patch Cord



### PRODUCT FEATURES

- High-quality fiber patch cords
- Long-distance, high-bandwidth connections
- S.M SC-SC APC Duplex connectors
- High-speed transmission 10G, 40G, and 100G networks
- Complies with IEC60793-2-10, ANSI/TIA-492CAAC & TIA/EIZ-604-10 standards

## SC APC Duplex Patch Cord

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Duplex	SC/APC to SC/APC	G657A1	1M	SW1316 3120
Single Mode Fiber Patch Cord	Duplex	SC/APC to SC/APC	G657A1	2M	SW1316 3121
Single Mode Fiber Patch Cord	Duplex	SC/APC to SC/APC	G657A1	3M	SW1316 3122
Single Mode Fiber Patch Cord	Duplex	SC/APC to SC/APC	G657A1	5M	SW1316 3123

## SC UPC Duplex Patch Cord

### PRODUCT FEATURES

- High-quality fiber patch cords
- Long-distance, high-bandwidth connections
- S.M SC-SC Duplex connectors
- High-speed transmission 10G, 40G, and 100G networks
- Complies with IEC60793-2-10, ANSI/TIA-492CAAC & TIA/EIZ-604-10 standards

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Duplex	SC/UPC to SC/UPC	G657A1	1M	SW1316 4120
Single Mode Fiber Patch Cord	Duplex	SC/UPC to SC/UPC	G657A1	2M	SW1316 4121
Single Mode Fiber Patch Cord	Duplex	SC/UPC to SC/UPC	G657A1	3M	SW1316 4122
Single Mode Fiber Patch Cord	Duplex	SC/UPC to SC/UPC	G657A1	5M	SW1316 4123

## LC Simplex Patch Cord



### PRODUCT FEATURES

- High-quality fiber patch cords
- Long-distance, high-bandwidth connections
- S.M LC-LC Simplex connectors
- High-speed transmission for 10G, 40G, and 100G networks
- Complies with IEC60793-2-10, ANSI/TIA-492CAAB & TIA/EIZ-604-10 standards

### LC APC Simplex Patch Cord

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Simplex	LC/APC to LC/APC	G657A1	1M	SW1316 1110
Single Mode Fiber Patch Cord	Simplex	LC/APC to LC/APC	G657A1	2M	SW1316 1111
Single Mode Fiber Patch Cord	Simplex	LC/APC to LC/APC	G657A1	3M	SW1316 1112
Single Mode Fiber Patch Cord	Simplex	LC/APC to LC/APC	G657A1	5M	SW1316 1113

### LC UPC Simplex Patch Cord

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Simplex	LC/UPC to LC/UPC	G657A1	1M	SW1316 2110
Single Mode Fiber Patch Cord	Simplex	LC/UPC to LC/UPC	G657A1	2M	SW1316 2111
Single Mode Fiber Patch Cord	Simplex	LC/UPC to LC/UPC	G657A1	3M	SW1316 2112
Single Mode Fiber Patch Cord	Simplex	LC/UPC to LC/UPC	G657A1	5M	SW1316 2113

## SC Simplex Patch Cord



### PRODUCT FEATURES

- High-quality fiber patch cords
- Long-distance, high-bandwidth connections
- S.M SC - SC Simplex connectors
- High-speed transmission for 10G, 40G, and 100G networks
- Complies with IEC60793-2-10, ANSI/TIA-492CAAC & TIA/EIZ-604-10 standards

### SC APC Simplex Patch Cord

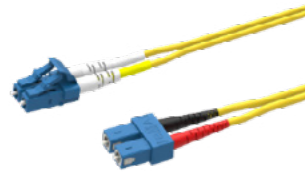
DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Simplex	SC/APC to SC/APC	G657A1	1M	SW1316 3110
Single Mode Fiber Patch Cord	Simplex	SC/APC to SC/APC	G657A1	2M	SW1316 3111
Single Mode Fiber Patch Cord	Simplex	SC/APC to SC/APC	G657A1	3M	SW1316 3112
Single Mode Fiber Patch Cord	Simplex	SC/APC to SC/APC	G657A1	5M	SW1316 3113

### SC UPC Simplex Patch Cord

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Simplex	SC/UPC to SC/UPC	G657A1	1M	SW1316 4110
Single Mode Fiber Patch Cord	Simplex	SC/UPC to SC/UPC	G657A1	2M	SW1316 4111
Single Mode Fiber Patch Cord	Simplex	SC/UPC to SC/UPC	G657A1	3M	SW1316 4112
Single Mode Fiber Patch Cord	Simplex	SC/UPC to SC/UPC	G657A1	5M	SW1316 4113



## Hybrid LC to SC Duplex Patch Cord



### PRODUCT FEATURES

- Hybrid S.M SC-LC Duplex/ Simplex connectors
- Provide bend insensitive fiber and flexibility in compact space
- High-speed transmission
- Complies with IEC60793-2-10, ANSI/TIA-492CAAC & TIA/EIZ-604-10 standards

### LC/APC to SC/APC Duplex Patch Cord

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Duplex	LC/APC to SC/APC	G657A1	1M	SW1316 5120
Single Mode Fiber Patch Cord	Duplex	LC/APC to SC/APC	G657A1	2M	SW1316 5121
Single Mode Fiber Patch Cord	Duplex	LC/APC to SC/APC	G657A1	3M	SW1316 5122
Single Mode Fiber Patch Cord	Duplex	LC/APC to SC/APC	G657A1	5M	SW1316 5123

### LC/UPC to SC/UPC Duplex Patch Cord

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Duplex	LC/UPC to SC/UPC	G657A1	1M	SW1316 6120
Single Mode Fiber Patch Cord	Duplex	LC/UPC to SC/UPC	G657A1	2M	SW1316 6121
Single Mode Fiber Patch Cord	Duplex	LC/UPC to SC/UPC	G657A1	3M	SW1316 6122
Single Mode Fiber Patch Cord	Duplex	LC/UPC to SC/UPC	G657A1	5M	SW1316 6123

## Hybrid LC to SC Simplex Patch cord

### LC/APC to SC/APC Simplex Patch Cord

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Simplex	LC/APC to SC/APC	G657A1	1M	SW1316 5110
Single Mode Fiber Patch Cord	Simplex	LC/APC to SC/APC	G657A1	2M	SW1316 5111
Single Mode Fiber Patch Cord	Simplex	LC/APC to SC/APC	G657A1	3M	SW1316 5112
Single Mode Fiber Patch Cord	Simplex	LC/APC to SC/APC	G657A1	5M	SW1316 5113

### LC/UPC to SC/UPC Simplex Patch Cord

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Simplex	LC/UPC to SC/UPC	G657A1	1M	SW1316 6110
Single Mode Fiber Patch Cord	Simplex	LC/UPC to SC/UPC	G657A1	2M	SW1316 6111
Single Mode Fiber Patch Cord	Simplex	LC/UPC to SC/UPC	G657A1	3M	SW1316 6112
Single Mode Fiber Patch Cord	Simplex	LC/UPC to SC/UPC	G657A1	5M	SW1316 6113

## ST UPC Simplex



### PRODUCT FEATURES

- High performance ST patch cord UPC Simplex connectors
- Easy installation
- Rugged construction and high-quality materials
- Reliable performances
- Complies with IEC60793-2-10, ANSI/TIA-492CAAC & TIA/EIZ-604-10 standards

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	Simplex	ST/UPC to ST/UPC	G657A1	1M	SW1316 7110
Single Mode Fiber Patch Cord	Simplex	ST/UPC to ST/UPC	G657A1	2M	SW1316 7111
Single Mode Fiber Patch Cord	Simplex	ST/UPC to ST/UPC	G657A1	3M	SW1316 7112
Single Mode Fiber Patch Cord	Simplex	ST/UPC to ST/UPC	G657A1	5M	SW1316 7113

## LC APC Uniboot



### PRODUCT FEATURES

- Long-distance, high-bandwidth connections
- S.M LC-LC Uniboot connectors
- Space-saving design
- Easy polarity reversal
- High-density applications
- Customizable length
- Provides bend insensitive fiber & flexibility in compact space
- High-speed transmission capabilities for 10G, 40G, and 100G networks
- Complies with IEC60793-2-10, ANSI/TIA-492CAAC & TIA/EIZ-604-10 standards

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	FR Uniboot	LC-APC to LC-APC	G657A2	1M	SW1316 1230
Single Mode Fiber Patch Cord	FR Uniboot	LC-APC to LC-APC	G657A2	2M	SW1316 1231
Single Mode Fiber Patch Cord	FR Uniboot	LC-APC to LC-APC	G657A2	3M	SW1316 1232
Single Mode Fiber Patch Cord	FR Uniboot	LC-APC to LC-APC	G657A2	5M	SW1316 1233

## LC UPC Uniboot

DESCRIPTION	TYPE	CONNECTOR	FIBER TYPE	LENGTH	PART NUMBER
Single Mode Fiber Patch Cord	FR Uniboot	LC-UPC to LC-UPC	G657A2	1M	SW1316 2230
Single Mode Fiber Patch Cord	FR Uniboot	LC-UPC to LC-UPC	G657A2	2M	SW1316 2231
Single Mode Fiber Patch Cord	FR Uniboot	LC-UPC to LC-UPC	G657A2	3M	SW1316 2232
Single Mode Fiber Patch Cord	FR Uniboot	LC-UPC to LC-UPC	G657A2	5M	SW1316 2233

# Fiber Optic Splitter

Optimize your network design and simplify fiber optic deployment



## MAIN FEATURES

- LOW INSERTION LOSS & HIGH UNIFORMITY
- WIDE OPERATING WAVELENGTH RANGE
- COMPACT SIZE
- EXCELLENT ENVIRONMENTAL STABILITY
- LOW POLARIZATION DEPENDENT LOSS
- RACK MOUNT TYPE IS AVAILABLE

## 19"1U Rack Mounted



### PRODUCT FEATURES

- 19"1U rack mounted PLC splitter
- Ranging from 1x2 ports to 2x64
- PLC splitter is fully loaded with splitter, adaptors & pigtails
- Available in both LC/APC & SC/APC connector

DESCRIPTION	TYPE	SPLITTING TYPE	SPLITTING RATIO	PART NUMBER
19" 1U Rack Mounted	PLC Splitter	LC/APC 1:N	1: 2	SW1317 0112
19" 1U Rack Mounted	PLC Splitter	LC/APC 1:N	1: 4	SW1317 0113
19" 1U Rack Mounted	PLC Splitter	LC/APC 1:N	1: 8	SW1317 0114
19" 1U Rack Mounted	PLC Splitter	LC/APC 1:N	1: 16	SW1317 0115
19" 1U Rack Mounted	PLC Splitter	LC/APC 1:N	1: 32	SW1317 0116
19" 1U Rack Mounted	PLC Splitter	LC/APC 1:N	1: 64	SW1317 0117
19" 1U Rack Mounted	PLC Splitter	LC/APC 2:N	2: 2	SW1317 0121
19" 1U Rack Mounted	PLC Splitter	LC/APC 2:N	2: 4	SW1317 0122
19" 1U Rack Mounted	PLC Splitter	LC/APC 2:N	2: 8	SW1317 0123
19" 1U Rack Mounted	PLC Splitter	LC/APC 2:N	2: 16	SW1317 0124
19" 1U Rack Mounted	PLC Splitter	LC/APC 2:N	2: 32	SW1317 0125
19" 1U Rack Mounted	PLC Splitter	LC/APC 2:N	2: 64	SW1317 0126
19" 1U Rack Mounted	PLC Splitter	SC/APC 1:N	1: 2	SW1317 0131
19" 1U Rack Mounted	PLC Splitter	SC/APC 1:N	1: 4	SW1317 0132
19" 1U Rack Mounted	PLC Splitter	SC/APC 1:N	1: 8	SW1317 0133
19" 1U Rack Mounted	PLC Splitter	SC/APC 1:N	1: 16	SW1317 0134
19" 1U Rack Mounted	PLC Splitter	SC/APC 1:N	1: 32	SW1317 0135
19" 1U Rack Mounted	PLC Splitter	SC/APC 1:N	1: 64	SW1317 0136
19" 1U Rack Mounted	PLC Splitter	SC/APC 2:N	2: 2	SW1317 0141
19" 1U Rack Mounted	PLC Splitter	SC/APC 2:N	2: 4	SW1317 0142
19" 1U Rack Mounted	PLC Splitter	SC/APC 2:N	2: 8	SW1317 0143
19" 1U Rack Mounted	PLC Splitter	SC/APC 2:N	2: 16	SW1317 0144
19" 1U Rack Mounted	PLC Splitter	SC/APC 2:N	2: 32	SW1317 0145
19" 1U Rack Mounted	PLC Splitter	SC/APC 2:N	2: 64	SW1317 0146

## Splitters (Modular splitter)



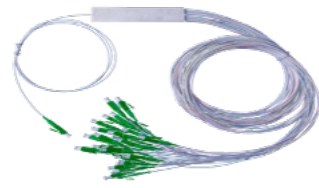
### PRODUCT FEATURES

- Low insertion loss & high uniformity
- Excellent environmental stability
- Low polarization dependent Loss
- Wide operating wavelength range
- Ranging from 1x2 ports to 2x64
- Available in both LC/APC & SC/APC connector

DESCRIPTION	TYPE	SPLITTING TYPE	SPLITTING RATIO	PART NUMBER
Empty 19" inch Rack Chassis to hold 12 Splitter, for 1:2, 1:4, 1:8 Splitter module ABS	-	-	-	SW1317 0201
Empty 19" inch Rack Chassis to hold 12 Splitter, for 1:16, 1:32, 1:64 Splitter module ABS	-	-	-	SW1317 0202
PLC Optical Fiber	Splitter Module ABS Type	LC/APC 1:N	1: 2	SW1317 0211
PLC Optical Fiber	Splitter Module ABS Type	LC/APC 1:N	1: 4	SW1317 0212
PLC Optical Fiber	Splitter Module ABS Type	LC/APC 1:N	1: 8	SW1317 0213
PLC Optical Fiber	Splitter Module ABS Type	LC/APC 1:N	1: 16	SW1317 0214
PLC Optical Fiber	Splitter Module ABS Type	LC/APC 1:N	1: 32	SW1317 0215
PLC Optical Fiber	Splitter Module ABS Type	LC/APC 1:N	1: 64	SW1317 0216
PLC Optical Fiber	Splitter Module ABS Type	LC/APC 2:N	2: 2	SW1317 0221
PLC Optical Fiber	Splitter Module ABS Type	LC/APC 2:N	2: 4	SW1317 0222
PLC Optical Fiber	Splitter Module ABS Type	LC/APC 2:N	2: 8	SW1317 0223
PLC Optical Fiber	Splitter Module ABS Type	LC/APC 2:N	2: 16	SW1317 0224
PLC Optical Fiber	Splitter Module ABS Type	LC/APC 2:N	2: 32	SW1317 0225
PLC Optical Fiber	Splitter Module ABS Type	LC/APC 2:N	2: 64	SW1317 0226
PLC Optical Fiber	Splitter Module ABS Type	SC/APC 1:N	1: 2	SW1317 0231
PLC Optical Fiber	Splitter Module ABS Type	SC/APC 1:N	1: 4	SW1317 0232
PLC Optical Fiber	Splitter Module ABS Type	SC/APC 1:N	1: 8	SW1317 0233
PLC Optical Fiber	Splitter Module ABS Type	SC/APC 1:N	1: 16	SW1317 0234
PLC Optical Fiber	Splitter Module ABS Type	SC/APC 1:N	1: 32	SW1317 0235
PLC Optical Fiber	Splitter Module ABS Type	SC/APC 1:N	1: 64	SW1317 0236
PLC Optical Fiber	Splitter Module ABS Type	SC/APC 2:N	2: 2	SW1317 0241
PLC Optical Fiber	Splitter Module ABS Type	SC/APC 2:N	2: 4	SW1317 0242
PLC Optical Fiber	Splitter Module ABS Type	SC/APC 2:N	2: 8	SW1317 0243
PLC Optical Fiber	Splitter Module ABS Type	SC/APC 2:N	2: 16	SW1317 0244
PLC Optical Fiber	Splitter Module ABS Type	SC/APC 2:N	2: 32	SW1317 0245
PLC Optical Fiber	Splitter Module ABS Type	SC/APC 2:N	2: 64	SW1317 0246



# Splitters Compact Pin Type



## PRODUCT FEATURES

- Low insertion loss & high uniformity
- Excellent environmental stability
- Low polarization dependent loss
- Wide operating wavelength range
- Compact size
- Ranging from 1x2 ports to 2x64
- Available in both LC/APC & SC/APC connector

DESCRIPTION	TYPE	SPLITTING TYPE	SPLITTING RATIO	PART NUMBER
PLC Optical Fiber	Splitter Module Pin Type	LC/APC 1:N	1: 2	SW1317 0311
PLC Optical Fiber	Splitter Module Pin Type	LC/APC 1:N	1: 4	SW1317 0312
PLC Optical Fiber	Splitter Module Pin Type	LC/APC 1:N	1: 8	SW1317 0313
PLC Optical Fiber	Splitter Module Pin Type	LC/APC 1:N	1: 16	SW1317 0314
PLC Optical Fiber	Splitter Module Pin Type	LC/APC 1:N	1: 32	SW1317 0315
PLC Optical Fiber	Splitter Module Pin Type	LC/APC 1:N	1: 64	SW1317 0316
PLC Optical Fiber	Splitter Module Pin Type	LC/APC 2:N	2: 2	SW1317 0321
PLC Optical Fiber	Splitter Module Pin Type	LC/APC 2:N	2: 4	SW1317 0322
PLC Optical Fiber	Splitter Module Pin Type	LC/APC 2:N	2: 8	SW1317 0323
PLC Optical Fiber	Splitter Module Pin Type	LC/APC 2:N	2: 16	SW1317 0324
PLC Optical Fiber	Splitter Module Pin Type	LC/APC 2:N	2: 32	SW1317 0325
PLC Optical Fiber	Splitter Module Pin Type	LC/APC 2:N	2: 64	SW1317 0326
PLC Optical Fiber	Splitter Module Pin Type	SC/APC 1:N	1: 2	SW1317 0331
PLC Optical Fiber	Splitter Module Pin Type	SC/APC 1:N	1: 4	SW1317 0332
PLC Optical Fiber	Splitter Module Pin Type	SC/APC 1:N	1: 8	SW1317 0333
PLC Optical Fiber	Splitter Module Pin Type	SC/APC 1:N	1: 16	SW1317 0334
PLC Optical Fiber	Splitter Module Pin Type	SC/APC 1:N	1: 32	SW1317 0335
PLC Optical Fiber	Splitter Module Pin Type	SC/APC 1:N	1: 64	SW1317 0336
PLC Optical Fiber	Splitter Module Pin Type	SC/APC 2:N	2: 2	SW1317 0341
PLC Optical Fiber	Splitter Module Pin Type	SC/APC 2:N	2: 4	SW1317 0342
PLC Optical Fiber	Splitter Module Pin Type	SC/APC 2:N	2: 8	SW1317 0343
PLC Optical Fiber	Splitter Module Pin Type	SC/APC 2:N	2: 16	SW1317 0344
PLC Optical Fiber	Splitter Module Pin Type	SC/APC 2:N	2: 32	SW1317 0345
PLC Optical Fiber	Splitter Module Pin Type	SC/APC 2:N	2: 64	SW1317 0346

# Fiber Termination Box

## MAIN FEATURES

- DURABLE MATERIALS
- RELIABLE PROTECTION
- DIFFERENT NUMBER OF PORTS

Superior protection for your valuable fiber optic connection



## Indoor Fiber Termination Box



### PRODUCT FEATURES

- Industry standard user interface, made of high impact plastic
- Wall mounting design
- ABS+PC/ ABS material used, ensures product's stiffness and light weight
- Anti-UV and waterproof design for both indoor & outdoor applications
- IP IP43 / IP65 protection level, withstands various weather conditions.

FIBER TERMINATION BOX	ADAPTOR TYPE		# OF PORTS	PART NUMBER
Fiber termination box	Empty fiber termination box up to 48 core with lock (without adaptor holder)	–	–	SW1318 1000
Fiber termination box	Empty fiber termination box with adaptor holder up to 6 port	–	–	SW1318 1101
Fiber termination box	Empty fiber termination box with adaptor holder up to 12 port	–	–	SW1318 1102
Fiber termination box	Empty fiber termination box with adaptor holder up to 24 port	–	–	SW1318 1103
Fiber termination box	LC/Dx	APC	2	SW1318 1111
Fiber termination box	LC/Dx	APC	4	SW1318 1112
Fiber termination box	LC/Dx	APC	6	SW1318 1113
Fiber termination box	LC/Dx	APC	12	SW1318 1114
Fiber termination box	LC/Dx	APC	24	SW1318 1115
Fiber termination box	SC/Sx	APC	2	SW1318 1211
Fiber termination box	SC/Sx	APC	4	SW1318 1212
Fiber termination box	SC/Sx	APC	6	SW1318 1213
Fiber termination box	SC/Sx	APC	12	SW1318 1214
Fiber termination box	SC/Sx	APC	24	SW1318 1215
Fiber termination box	SC/Sx	APC	36	SW1318 1216
Fiber termination box	SC/Sx	APC	48	SW1318 1217

## Outdoor Fiber Termination Box



### PRODUCT FEATURES

- Industry Standard User Interface, be made of high impact plastic Wall mounting design
- ABS+PC material used ensures the product strong and light
- Anti-UV and waterproof design for outdoor uses
- IP 67 protection level, all weather use

FIBER TERMINATION BOX	ADAPTOR TYPE		# OF PORTS	PART NUMBER
Outdoor Fiber termination box	Empty fiber termination box, IP67, up to 48 Core with lock (without adaptor holder)	–	–	SW1318 2100
Outdoor Fiber termination box	Empty fiber termination box IP67 with adaptor holder up to 6 port	–	–	SW1318 2101
Outdoor Fiber termination box	Empty fiber termination box IP67 with adaptor holder up to 12 port	–	–	SW1318 2102
Outdoor Fiber termination box	Empty fiber termination box IP67 with adaptor holder up to 24 port	–	–	SW1318 2103
Outdoor Fiber termination box	LC/Dx	APC	2	SW1318 2111
Outdoor Fiber termination box	LC/Dx	APC	4	SW1318 2112
Outdoor Fiber termination box	LC/Dx	APC	6	SW1318 2113
Outdoor Fiber termination box	LC/Dx	APC	12	SW1318 2114
Outdoor Fiber termination box	LC/Dx	APC	24	SW1318 2115
Outdoor Fiber termination box	SC/Sx	APC	2	SW1318 2211
Outdoor Fiber termination box	SC/Sx	APC	4	SW1318 2212
Outdoor Fiber termination box	SC/Sx	APC	6	SW1318 2213
Outdoor Fiber termination box	SC/Sx	APC	12	SW1318 2214
Outdoor Fiber termination box	SC/Sx	APC	24	SW1318 2215
Outdoor Fiber termination box	SC/Sx	APC	36	SW1318 2216
Outdoor Fiber termination box	SC/Sx	APC	48	SW1318 2217



# Fiber Optic Outlet

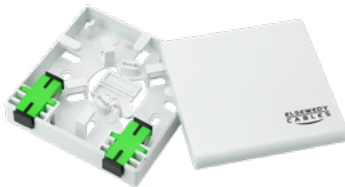
Superior protection for  
your valuable fiber optic  
connection



## MAIN FEATURES

- RELIABLE PROTECTION
- SUPPORTS VARIOUS TYPES OF CONNECTORS
- AVAILABLE IN DIFFERENT SIZES

# Single Mode Fiber Optic Outlet



**PRODUCT FEATURES**

- 100% compatible with standard 86\*86 back box
- Available in 2 types: SC & LC
- Adapter can be snapped in & out easily
- Available with or without pigtails

DESCRIPTION	TYPE	CONNECTOR TYPE	# OF PORTS	PART NUMBER
Optical fiber face plate/outlet	Without pigtail	LC/APC	Empty UP to 4 adaptor	SW1319 1000
Optical fiber face plate/outlet	Without pigtail	LC/APC	1	SW1319 1011
Optical fiber face plate/outlet	Without pigtail	LC/APC	2	SW1319 1012
Optical fiber face plate/outlet	Without pigtail	SC/APC	1	SW1319 1021
Optical fiber face plate/outlet	Without pigtail	SC/APC	2	SW1319 1022
Optical fiber face plate/outlet	Without pigtail	DM outlet	4	SW1319 1031

# Single Mode Fiber Optic Outlet



**PRODUCT FEATURES**

- 100% compatible with standard 86\*86 back box
- Available in 2 types: SC & LC
- Adapter can be snapped in & out easily
- Available with or without pigtails

DESCRIPTION	TYPE	FIBER TYPE	CONNECTOR TYPE	# OF FIBERS	PART NUMBER
Optical fiber face plate/outlet	With pigtail	G657.A1	LC/APC	1	SW1319 2111
Optical fiber face plate/outlet	With pigtail	G657.A1	LC/APC	2	SW1319 2112
Optical fiber face plate/outlet	With pigtail	G657.A1	LC/APC	4	SW1319 2113
Optical fiber face plate/outlet	With pigtail	G657.A1	SC/APC	1	SW1319 2121
Optical fiber face plate/outlet	With pigtail	G657.A1	SC/APC	2	SW1319 2122
Optical fiber face plate/outlet	With pigtail	G657.A1	SC/APC	4	SW1319 2123
Optical fiber face plate/outlet	With pigtail	G657.A2	LC/APC	1	SW1319 2211
Optical fiber face plate/outlet	With pigtail	G657.A2	LC/APC	2	SW1319 2212
Optical fiber face plate/outlet	With pigtail	G657.A2	LC/APC	4	SW1319 2213
Optical fiber face plate/outlet	With pigtail	G657.A2	SC/APC	1	SW1319 2221
Optical fiber face plate/outlet	With pigtail	G657.A2	SC/APC	2	SW1319 2222
Optical fiber face plate/outlet	With pigtail	G657.A2	SC/APC	4	SW1319 2223

# Fiber Closures

## MAIN FEATURES

- DURABLE MATERIALS
- VARIETY OF SEALING MECHANISMS
- WIDE RANGE OF CAPACITIES
- EASILY MAINTAINED





## Fiber Optic Dome Closures up to 576 - Core "IP68



### PRODUCT FEATURES

- Reliable and easily installed
- High quality engineering plastic with good strength
- Excellent waterproof design
- Screw mechanical sealing
- Wide range of splice capacity up to 576
- IP68 Protection
- Underground & aerial application

DESCRIPTION	IN/OUT	CAPACITY	TRAYS	PART NUMBER
Fiber Optic Dome Closures	2 in 8 out	Up to 576	No splice tray	SW1310 11400
Fiber Optic Dome Closures	2 in 6 out	24	1 splice trays	SW1310 11311
Fiber Optic Dome Closures	2 in 6 out	48	2 splice trays	SW1310 11322
Fiber Optic Dome Closures	2 in 6 out	72	3 splice trays	SW1310 11333
Fiber Optic Dome Closures	2 in 6 out	96	4 splice trays	SW1310 11344
Fiber Optic Dome Closures	2 in 6 out	144	6 splice trays	SW1310 11356
Fiber Optic Dome Closures	2 in 6 out	192	8 splice trays	SW1310 11368
Fiber Optic Dome Closures	2 in 6 out	288	12 splice trays	SW1310 113712

## Fiber Optic In Line Closures up to 576 - Core "IP68



### PRODUCT FEATURES

- In line fiber optic closure - junction between two cables
- Good leak-proof, anti-water and dampproof
- Mechanical seal
- IP68 protection
- Aerial/wall/manhole/direct burial mounting

DESCRIPTION	IN/OUT	CAPACITY	TRAYS	PART NUMBER
Fiber Optic In line Closures	4 in 4 out	Up to 576	No splice tray	SW1310 12700
Fiber Optic In line Closures	2 in 2 out	24	1 splice trays	SW1310 12211
Fiber Optic In line Closures	2 in 2 out	48	2 splice trays	SW1310 12222
Fiber Optic In line Closures	2 in 2 out	72	3 splice trays	SW1310 12233
Fiber Optic In line Closures	2 in 2 out	96	4 splice trays	SW1310 12244
Fiber Optic In line Closures	2 in 2 out	144	6 splice trays	SW1310 12256
Fiber Optic In line Closures	3 in 3 out	192	8 splice trays	SW1310 12568
Fiber Optic In line Closures	3 in 3 out	288	12 splice trays	SW1310 125712

## Closure Accessories



### Dome closures accessories

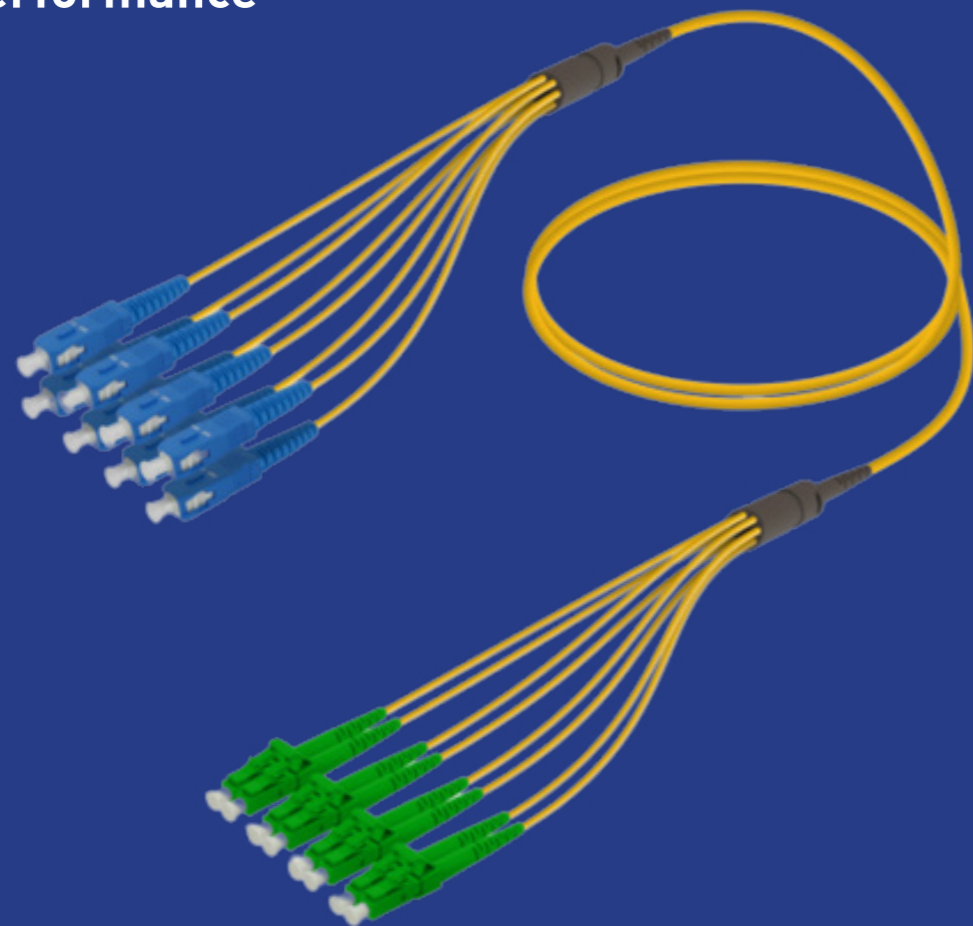
DESCRIPTION	PART NUMBER
Pole / wall mounting brackets for dome closures 24 core, 2 in 6 out	SW1310 1131
Pole / wall mounting brackets for dome closures 48 core, 2 in 6 out	SW1310 1132
Pole / wall mounting brackets for dome closures 72 core, 2 in 6 out	SW1310 1133
Pole / wall mounting brackets for dome closures 96 core, 2 in 6 out	SW1310 1134
Pole / wall mounting brackets for dome closures 144 core, 2 in 6 out	SW1310 1135
Pole / wall mounting brackets for dome closures 192 core, 2 in 6 out	SW1310 1136
Pole / wall mounting brackets for dome closures 288 core, 2 in 6 out	SW1310 1137
Pole / wall mounting brackets for dome closures 576 core, 2 in 8 out	SW1310 1148
Pole / wall mounting brackets for dome 576 core, 2 in 6 out	SW1310 1101
Splice tray 24 core - Dome closures 576 core, 2 in 6 out	SW1310 1102
Cable gland	SW1310 1100

### In Line closures accessories

DESCRIPTION	PART NUMBER
Joint closure vertical wall mounting brackets	SW1310 1201
Joint closure horizontal wall mounting brackets	SW1310 1202
Joint closure vertical pole mounting brackets	SW1310 1203
Joint closure horizontal pole mounting brackets	SW1310 1204
Splice tray 12 core for joint closure	SW1310 1205
Splice tray 24 core for joint closure	SW1310 1206
Joint closure cable gland	SW1310 1207

# Single Mode Pre-terminated Cables

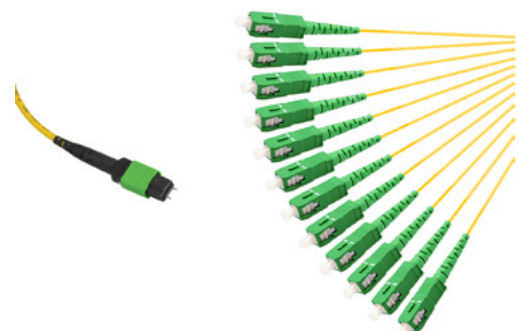
Designed for easy installation and  
reliable performance



## MAIN FEATURES

- PRE-CONNECTORIZED CABLE
- MPO CONNECTOR DIRECTLY  
TERMINATED ON THE CABLE
- WIDE RANGE OF DIFFERENT LENGTHS
- VARIOUS CONNECTOR TYPES
- CUSTOMIZED TO MEET SPECIFIC  
REQUIREMENTS

## Single Mode MPO Breakout Cable - 12 Fiber OS2 Male-12LC/APC - Type A



### PRODUCT FEATURES

- Available in high fiber count (12-144 fibers)
- MPO connectors on breakout ends (male or female)
- LC or SC connectors on individual fibers
- Durable and flame-retardant LSZH jacket material
- Single-mode fibers for longer transmission distances and higher bandwidths
- Specific polarity design (method A / method B or method C)
- Low insertion loss and high return loss
- Customizable for specific application needs
- Compatible with a range of MPO connectors and adapters

TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Breakout Cable	12Fiber	OS2	Male	12LC/APC	Type A	1M	SW1310 21M111
	12Fiber	OS2	Male	12LC/APC	Type A	2M	SW1310 21M112
	12Fiber	OS2	Male	12LC/APC	Type A	3M	SW1310 21M113
	12Fiber	OS2	Male	12LC/APC	Type A	5M	SW1310 21M114
	12Fiber	OS2	Male	12LC/APC	Type A	10M	SW1310 21M115
	12Fiber	OS2	Male	12LC/APC	Type A	15M	SW1310 21M116
	12Fiber	OS2	Male	12LC/APC	Type A	20M	SW1310 21M117
	12Fiber	OS2	Male	12LC/APC	Type A	30M	SW1310 21M118
	12Fiber	OS2	Male	12LC/APC	Type A	50M	SW1310 21M119

## Single Mode MPO Breakout Cable - 12 Fiber OS2 Male-12LC/APC - Type B

TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Breakout Cable	12Fiber	OS2	Male	12LC/APC	Type B	1M	SW1310 21M121
	12Fiber	OS2	Male	12LC/APC	Type B	2M	SW1310 21M122
	12Fiber	OS2	Male	12LC/APC	Type B	3M	SW1310 21M123
	12Fiber	OS2	Male	12LC/APC	Type B	5M	SW1310 21M124
	12Fiber	OS2	Male	12LC/APC	Type B	10M	SW1310 21M125
	12Fiber	OS2	Male	12LC/APC	Type B	15M	SW1310 21M126
	12Fiber	OS2	Male	12LC/APC	Type B	20M	SW1310 21M127
	12Fiber	OS2	Male	12LC/APC	Type B	30M	SW1310 21M128
	12Fiber	OS2	Male	12LC/APC	Type B	50M	SW1310 21M129

## Single Mode MPO Breakout Cable - 12 Fiber OS2 Male-12LC/APC - Type C

TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Breakout Cable	12Fiber	OS2	Male	12LC/APC	Type C	1M	SW1310 21M131
	12Fiber	OS2	Male	12LC/APC	Type C	2M	SW1310 21M132
	12Fiber	OS2	Male	12LC/APC	Type C	3M	SW1310 21M133
	12Fiber	OS2	Male	12LC/APC	Type C	5M	SW1310 21M134
	12Fiber	OS2	Male	12LC/APC	Type C	10M	SW1310 21M135
	12Fiber	OS2	Male	12LC/APC	Type C	15M	SW1310 21M136
	12Fiber	OS2	Male	12LC/APC	Type C	20M	SW1310 21M137
	12Fiber	OS2	Male	12LC/APC	Type C	30M	SW1310 21M138
	12Fiber	OS2	Male	12LC/APC	Type C	50M	SW1310 21M139

## Single Mode MPO Breakout Cable - 12 Fiber OS2 Male-12SC/APC - Type A

TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Breakout Cable	12Fiber	OS2	Male	12SC/APC	Type A	1M	SW1310 21M211
	12Fiber	OS2	Male	12SC/APC	Type A	2M	SW1310 21M212
	12Fiber	OS2	Male	12SC/APC	Type A	3M	SW1310 21M213
	12Fiber	OS2	Male	12SC/APC	Type A	5M	SW1310 21M214
	12Fiber	OS2	Male	12SC/APC	Type A	10M	SW1310 21M215
	12Fiber	OS2	Male	12SC/APC	Type A	15M	SW1310 21M216
	12Fiber	OS2	Male	12SC/APC	Type A	20M	SW1310 21M217
	12Fiber	OS2	Male	12SC/APC	Type A	30M	SW1310 21M218
	12Fiber	OS2	Male	12SC/APC	Type A	50M	SW1310 21M219

## Single Mode MPO Breakout Cable - 12 Fiber OS2 Male-12SC/APC - Type B

TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Breakout Cable	12Fiber	OS2	Male	12SC/APC	Type B	1M	SW1310 21M221
	12Fiber	OS2	Male	12SC/APC	Type B	2M	SW1310 21M222
	12Fiber	OS2	Male	12SC/APC	Type B	3M	SW1310 21M223
	12Fiber	OS2	Male	12SC/APC	Type B	5M	SW1310 21M224
	12Fiber	OS2	Male	12SC/APC	Type B	10M	SW1310 21M225
	12Fiber	OS2	Male	12SC/APC	Type B	15M	SW1310 21M226
	12Fiber	OS2	Male	12SC/APC	Type B	20M	SW1310 21M227
	12Fiber	OS2	Male	12SC/APC	Type B	30M	SW1310 21M228
	12Fiber	OS2	Male	12SC/APC	Type B	50M	SW1310 21M229

## Single Mode MPO Breakout Cable - 12 Fiber OS2 Male-12SC/APC - Type C

TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Breakout Cable	12Fiber	OS2	Male	12SC/APC	Type C	1M	SW1310 21M231
	12Fiber	OS2	Male	12SC/APC	Type C	2M	SW1310 21M232
	12Fiber	OS2	Male	12SC/APC	Type C	3M	SW1310 21M233
	12Fiber	OS2	Male	12SC/APC	Type C	5M	SW1310 21M234
	12Fiber	OS2	Male	12SC/APC	Type C	10M	SW1310 21M235
	12Fiber	OS2	Male	12SC/APC	Type C	15M	SW1310 21M236
	12Fiber	OS2	Male	12SC/APC	Type C	20M	SW1310 21M237
	12Fiber	OS2	Male	12SC/APC	Type C	30M	SW1310 21M238
	12Fiber	OS2	Male	12SC/APC	Type C	50M	SW1310 21M239

## Single Mode MPO Breakout Cable - 12 Fiber OS2 Female-12LC/APC - Type C

TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Breakout Cable	12Fiber	OS2	Female	12LC/APC	Type C	1M	SW1310 21F131
	12Fiber	OS2	Female	12LC/APC	Type C	2M	SW1310 21F132
	12Fiber	OS2	Female	12LC/APC	Type C	3M	SW1310 21F133
	12Fiber	OS2	Female	12LC/APC	Type C	5M	SW1310 21F134
	12Fiber	OS2	Female	12LC/APC	Type C	10M	SW1310 21F135
	12Fiber	OS2	Female	12LC/APC	Type C	15M	SW1310 21F136
	12Fiber	OS2	Female	12LC/APC	Type C	20M	SW1310 21F137
	12Fiber	OS2	Female	12LC/APC	Type C	30M	SW1310 21F138
	12Fiber	OS2	Female	12LC/APC	Type C	50M	SW1310 21F139

## Single Mode MPO Breakout Cable - 12 Fiber OS2 Female-12LC/APC - Type A

TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Breakout Cable	12Fiber	OS2	Female	12LC/APC	Type A	1M	SW1310 21F111
	12Fiber	OS2	Female	12LC/APC	Type A	2M	SW1310 21F112
	12Fiber	OS2	Female	12LC/APC	Type A	3M	SW1310 21F113
	12Fiber	OS2	Female	12LC/APC	Type A	5M	SW1310 21F114
	12Fiber	OS2	Female	12LC/APC	Type A	10M	SW1310 21F115
	12Fiber	OS2	Female	12LC/APC	Type A	15M	SW1310 21F116
	12Fiber	OS2	Female	12LC/APC	Type A	20M	SW1310 21F117
	12Fiber	OS2	Female	12LC/APC	Type A	30M	SW1310 21F118
	12Fiber	OS2	Female	12LC/APC	Type A	50M	SW1310 21F119

## Single Mode MPO Breakout Cable - 12 Fiber OS2 Female-12SC/APC - Type A

TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Breakout Cable	12Fiber	OS2	Female	12SC/APC	Type A	1M	SW1310 21F211
	12Fiber	OS2	Female	12SC/APC	Type A	2M	SW1310 21F212
	12Fiber	OS2	Female	12SC/APC	Type A	3M	SW1310 21F213
	12Fiber	OS2	Female	12SC/APC	Type A	5M	SW1310 21F214
	12Fiber	OS2	Female	12SC/APC	Type A	10M	SW1310 21F215
	12Fiber	OS2	Female	12SC/APC	Type A	15M	SW1310 21F216
	12Fiber	OS2	Female	12SC/APC	Type A	20M	SW1310 21F217
	12Fiber	OS2	Female	12SC/APC	Type A	30M	SW1310 21F218
	12Fiber	OS2	Female	12SC/APC	Type A	50M	SW1310 21F219

## Single Mode MPO Breakout Cable - 12 Fiber OS2 Female-12LC/APC - Type B

TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Breakout Cable	12Fiber	OS2	Female	12LC/APC	Type B	1M	SW1310 21F121
	12Fiber	OS2	Female	12LC/APC	Type B	2M	SW1310 21F122
	12Fiber	OS2	Female	12LC/APC	Type B	3M	SW1310 21F123
	12Fiber	OS2	Female	12LC/APC	Type B	5M	SW1310 21F124
	12Fiber	OS2	Female	12LC/APC	Type B	10M	SW1310 21F125
	12Fiber	OS2	Female	12LC/APC	Type B	15M	SW1310 21F126
	12Fiber	OS2	Female	12LC/APC	Type B	20M	SW1310 21F127
	12Fiber	OS2	Female	12LC/APC	Type B	30M	SW1310 21F128
	12Fiber	OS2	Female	12LC/APC	Type B	50M	SW1310 21F129

## Single Mode MPO Breakout Cable - 12 Fiber OS2 Female-12SC/APC - Type B

TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Breakout Cable	12Fiber	OS2	Female	12SC/APC	Type B	1M	SW1310 21F221
	12Fiber	OS2	Female	12SC/APC	Type B	2M	SW1310 21F222
	12Fiber	OS2	Female	12SC/APC	Type B	3M	SW1310 21F223
	12Fiber	OS2	Female	12SC/APC	Type B	5M	SW1310 21F224
	12Fiber	OS2	Female	12SC/APC	Type B	10M	SW1310 21F225
	12Fiber	OS2	Female	12SC/APC	Type B	15M	SW1310 21F226
	12Fiber	OS2	Female	12SC/APC	Type B	20M	SW1310 21F227
	12Fiber	OS2	Female	12SC/APC	Type B	30M	SW1310 21F228
	12Fiber	OS2	Female	12SC/APC	Type B	50M	SW1310 21F229



## Single Mode MPO Breakout Cable - 12 Fiber OS2 Female-12SC/APC - Type C

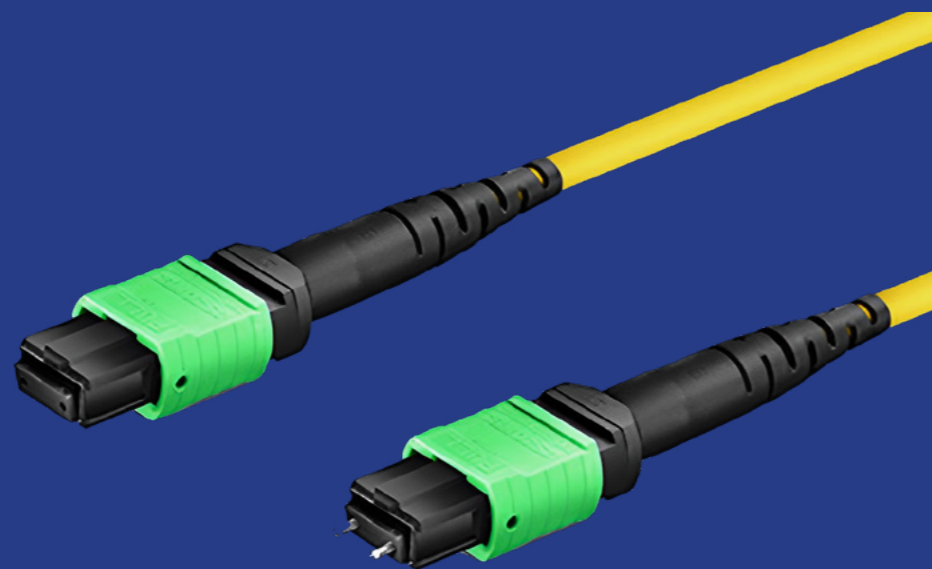
TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Breakout Cable	12Fiber	OS2	Female	12SC/APC	Type C	1M	SW1310 21F231
	12Fiber	OS2	Female	12SC/APC	Type C	2M	SW1310 21F232
	12Fiber	OS2	Female	12SC/APC	Type C	3M	SW1310 21F233
	12Fiber	OS2	Female	12SC/APC	Type C	5M	SW1310 21F234
	12Fiber	OS2	Female	12SC/APC	Type C	10M	SW1310 21F235
	12Fiber	OS2	Female	12SC/APC	Type C	15M	SW1310 21F236
	12Fiber	OS2	Female	12SC/APC	Type C	20M	SW1310 21F237
	12Fiber	OS2	Female	12SC/APC	Type C	30M	SW1310 21F238
	12Fiber	OS2	Female	12SC/APC	Type C	50M	SW1310 21F239

# MPO Interconnect Fiber Cable

Optimize your network performance  
and reduce setup time

## MAIN FEATURES

- SUPERIOR PERFORMANCE
- HIGH-DENSITY CONNECTIVITY
- POLARITY OPTIONS
- FUTURE-PROOF SOLUTION



## Male-Male, Type A Standard



### PRODUCT FEATURES

- Connection cable terminated with a female / male MPO connector
- Designed with different polarity types, including A, B, & C
- Available in a wide range of fiber counts, allowing high bandwidth and fast data transfer rates
- Available in various lengths
- Customizable for specific application needs

TYPE	FIBER COUNT	FIBER TYPE	CONNECTOR TYPE	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Cable	12Fiber	OS2	Male-Male	Type A Standard	1M	SW1310 21111
	12Fiber	OS2	Male-Male	Type A Standard	2M	SW1310 21112
	12Fiber	OS2	Male-Male	Type A Standard	3M	SW1310 21113
	12Fiber	OS2	Male-Male	Type A Standard	5M	SW1310 21114
	12Fiber	OS2	Male-Male	Type A Standard	10M	SW1310 21115
	12Fiber	OS2	Male-Male	Type A Standard	15M	SW1310 21116
	12Fiber	OS2	Male-Male	Type A Standard	20M	SW1310 21117
	12Fiber	OS2	Male-Male	Type A Standard	30M	SW1310 21118
	12Fiber	OS2	Male-Male	Type A Standard	50M	SW1310 21119

## Male-Male, Type B Standard

TYPE	FIBER COUNT	FIBER TYPE	CONNECTOR TYPE	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Cable	12Fiber	OS2	Male-Male	Type B Standard	1M	SW1310 21121
	12Fiber	OS2	Male-Male	Type B Standard	2M	SW1310 21122
	12Fiber	OS2	Male-Male	Type B Standard	3M	SW1310 21123
	12Fiber	OS2	Male-Male	Type B Standard	5M	SW1310 21124
	12Fiber	OS2	Male-Male	Type B Standard	10M	SW1310 21125
	12Fiber	OS2	Male-Male	Type B Standard	15M	SW1310 21126
	12Fiber	OS2	Male-Male	Type B Standard	20M	SW1310 21127
	12Fiber	OS2	Male-Male	Type B Standard	30M	SW1310 21128
	12Fiber	OS2	Male-Male	Type B Standard	50M	SW1310 21129

## Male-Male, Type C Standard

TYPE	FIBER COUNT	FIBER TYPE	CONNECTOR TYPE	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Cable	12Fiber	OS2	Male-Male	Type C Standard	1M	SW1310 21131
	12Fiber	OS2	Male-Male	Type C Standard	2M	SW1310 21132
	12Fiber	OS2	Male-Male	Type C Standard	3M	SW1310 21133
	12Fiber	OS2	Male-Male	Type C Standard	5M	SW1310 21134
	12Fiber	OS2	Male-Male	Type C Standard	10M	SW1310 21135
	12Fiber	OS2	Male-Male	Type C Standard	15M	SW1310 21136
	12Fiber	OS2	Male-Male	Type C Standard	20M	SW1310 21137
	12Fiber	OS2	Male-Male	Type C Standard	30M	SW1310 21138
	12Fiber	OS2	Male-Male	Type C Standard	50M	SW1310 21139

## Male-Female, Type A Standard

TYPE	FIBER COUNT	FIBER TYPE	CONNECTOR TYPE	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Cable	12Fiber	OS2	Male-Female	Type A Standard	1M	SW1310 21211
	12Fiber	OS2	Male-Female	Type A Standard	2M	SW1310 21212
	12Fiber	OS2	Male-Female	Type A Standard	3M	SW1310 21213
	12Fiber	OS2	Male-Female	Type A Standard	5M	SW1310 21214
	12Fiber	OS2	Male-Female	Type A Standard	10M	SW1310 21215
	12Fiber	OS2	Male-Female	Type A Standard	15M	SW1310 21216
	12Fiber	OS2	Male-Female	Type A Standard	20M	SW1310 21217
	12Fiber	OS2	Male-Female	Type A Standard	30M	SW1310 21218
	12Fiber	OS2	Male-Female	Type A Standard	50M	SW1310 21219

## Male-Female, Type B Standard

TYPE	FIBER COUNT	FIBER TYPE	CONNECTOR TYPE	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Cable	12Fiber	OS2	Male-Female	Type B Standard	1M	SW1310 21221
	12Fiber	OS2	Male-Female	Type B Standard	2M	SW1310 21222
	12Fiber	OS2	Male-Female	Type B Standard	3M	SW1310 21223
	12Fiber	OS2	Male-Female	Type B Standard	5M	SW1310 21224
	12Fiber	OS2	Male-Female	Type B Standard	10M	SW1310 21225
	12Fiber	OS2	Male-Female	Type B Standard	15M	SW1310 21226
	12Fiber	OS2	Male-Female	Type B Standard	20M	SW1310 21227
	12Fiber	OS2	Male-Female	Type B Standard	30M	SW1310 21228
	12Fiber	OS2	Male-Female	Type B Standard	50M	SW1310 21229

## Male-Female, Type C Standard

TYPE	FIBER COUNT	FIBER TYPE	CONNECTOR TYPE	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Cable	12Fiber	OS2	Male-Female	Type C Standard	1M	SW1310 21231
	12Fiber	OS2	Male-Female	Type C Standard	2M	SW1310 21232
	12Fiber	OS2	Male-Female	Type C Standard	3M	SW1310 21233
	12Fiber	OS2	Male-Female	Type C Standard	5M	SW1310 21234
	12Fiber	OS2	Male-Female	Type C Standard	10M	SW1310 21235
	12Fiber	OS2	Male-Female	Type C Standard	15M	SW1310 21236
	12Fiber	OS2	Male-Female	Type C Standard	20M	SW1310 21237
	12Fiber	OS2	Male-Female	Type C Standard	30M	SW1310 21238
	12Fiber	OS2	Male-Female	Type C Standard	50M	SW1310 21239

## Female-Female, Type A Standard

TYPE	FIBER COUNT	FIBER TYPE	CONNECTOR TYPE	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Cable	12Fiber	OS2	Female-Female	Type A Standard	1M	SW1310 21311
	12Fiber	OS2	Female-Female	Type A Standard	2M	SW1310 21312
	12Fiber	OS2	Female-Female	Type A Standard	3M	SW1310 21313
	12Fiber	OS2	Female-Female	Type A Standard	5M	SW1310 21314
	12Fiber	OS2	Female-Female	Type A Standard	10M	SW1310 21315
	12Fiber	OS2	Female-Female	Type A Standard	15M	SW1310 21316
	12Fiber	OS2	Female-Female	Type A Standard	20M	SW1310 21317
	12Fiber	OS2	Female-Female	Type A Standard	30M	SW1310 21318
	12Fiber	OS2	Female-Female	Type A Standard	50M	SW1310 21319

## Female-Female, Type B Standard

TYPE	FIBER COUNT	FIBER TYPE	CONNECTOR TYPE	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Cable	12Fiber	OS2	Female-Female	Type B Standard	1M	SW1310 21321
	12Fiber	OS2	Female-Female	Type B Standard	2M	SW1310 21322
	12Fiber	OS2	Female-Female	Type B Standard	3M	SW1310 21323
	12Fiber	OS2	Female-Female	Type B Standard	5M	SW1310 21324
	12Fiber	OS2	Female-Female	Type B Standard	10M	SW1310 21325
	12Fiber	OS2	Female-Female	Type B Standard	15M	SW1310 21326
	12Fiber	OS2	Female-Female	Type B Standard	20M	SW1310 21327
	12Fiber	OS2	Female-Female	Type B Standard	30M	SW1310 21328
	12Fiber	OS2	Female-Female	Type B Standard	50M	SW1310 21329

## Female-Female, Type C Standard

TYPE	FIBER COUNT	FIBER TYPE	CONNECTOR TYPE	POLARITY	LENGTH	PART NUMBER
Single Mode MPO Cable	12Fiber	OS2	Female-Female	Type C Standard	1M	SW1310 21331
	12Fiber	OS2	Female-Female	Type C Standard	2M	SW1310 21332
	12Fiber	OS2	Female-Female	Type C Standard	3M	SW1310 21333
	12Fiber	OS2	Female-Female	Type C Standard	5M	SW1310 21334
	12Fiber	OS2	Female-Female	Type C Standard	10M	SW1310 21335
	12Fiber	OS2	Female-Female	Type C Standard	15M	SW1310 21336
	12Fiber	OS2	Female-Female	Type C Standard	20M	SW1310 21337
	12Fiber	OS2	Female-Female	Type C Standard	30M	SW1310 21338
	12Fiber	OS2	Female-Female	Type C Standard	50M	SW1310 21339



# Multi Mode Patch Panel

Connect with confidence through  
high performance fiber panels.



## Fully Loaded MM Fiber Patch Panel

### Fiber Optic Panel LC Duplex



DESCRIPTION	TYPE	SIZE	CONNECTOR	# OF PORTS	PART NUMBER
Fiber Optic Panel	Fully Loaded	1U	OM3 LC /Dx	6	SW1322 1111
Fiber Optic Panel	Fully Loaded	1U	OM3 LC /Dx	12	SW1322 1112
Fiber Optic Panel	Fully Loaded	1U	OM3 LC /Dx	18	SW1322 1113
Fiber Optic Panel	Fully Loaded	1U	OM3 LC /Dx	24	SW1322 1114
Fiber Optic Panel	Fully Loaded	1U	OM3 LC /Dx	36	SW1322 1115
Fiber Optic Panel	Fully Loaded	1U	OM3 LC /Dx	48	SW1322 1116
Fiber Optic Panel	Fully Loaded	1U	OM4 LC/Dx	6	SW1322 1121
Fiber Optic Panel	Fully Loaded	1U	OM4 LC/Dx	12	SW1322 1122
Fiber Optic Panel	Fully Loaded	1U	OM4 LC/Dx	18	SW1322 1123
Fiber Optic Panel	Fully Loaded	1U	OM4 LC/Dx	24	SW1322 1124
Fiber Optic Panel	Fully Loaded	1U	OM4 LC/Dx	36	SW1322 1125
Fiber Optic Panel	Fully Loaded	1U	OM4 LC/Dx	48	SW1322 1126

### Fiber Optic Panel SC Duplex



DESCRIPTION	TYPE	SIZE	CONNECTOR	# OF PORTS	PART NUMBER
Fiber Optic Panel	Fully Loaded	1U	OM3 SC/Dx	6	SW1322 1131
Fiber Optic Panel	Fully Loaded	1U	OM3 SC/Dx	12	SW1322 1132
Fiber Optic Panel	Fully Loaded	1U	OM3 SC/Dx	18	SW1322 1133
Fiber Optic Panel	Fully Loaded	1U	OM3 SC/Dx	24	SW1322 1134
Fiber Optic Panel	Fully Loaded	2U	OM3 SC/Dx	36	SW1322 1235
Fiber Optic Panel	Fully Loaded	2U	OM3 SC/Dx	48	SW1322 1236
Fiber Optic Panel	Fully Loaded	1U	OM4 SC/Dx	6	SW1322 1141
Fiber Optic Panel	Fully Loaded	1U	OM4 SC/Dx	12	SW1322 1142
Fiber Optic Panel	Fully Loaded	1U	OM4 SC/Dx	18	SW1322 1143
Fiber Optic Panel	Fully Loaded	1U	OM4 SC/Dx	24	SW1322 1144
Fiber Optic Panel	Fully Loaded	2U	OM4 SC/Dx	36	SW1322 1245
Fiber Optic Panel	Fully Loaded	2U	OM4 SC/Dx	48	SW1322 1246

### Fiber Optic Panel SC Simplex



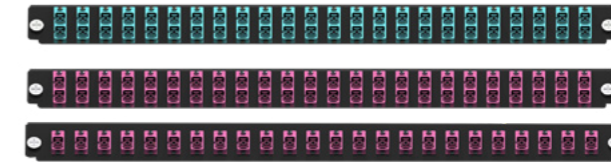
DESCRIPTION	TYPE	SIZE	CONNECTOR	# OF PORTS	PART NUMBER
Fiber Optic Panel	Fully Loaded	1U	OM3 SC/Sx	6	SW1322 1151
Fiber Optic Panel	Fully Loaded	1U	OM3 SC/Sx	12	SW1322 1152
Fiber Optic Panel	Fully Loaded	1U	OM3 SC/Sx	18	SW1322 1153
Fiber Optic Panel	Fully Loaded	1U	OM3 SC/Sx	24	SW1322 1154
Fiber Optic Panel	Fully Loaded	2U	OM3 SC/Sx	36	SW1322 1155
Fiber Optic Panel	Fully Loaded	2U	OM3 SC/Sx	48	SW1322 1256
Fiber Optic Panel	Fully Loaded	1U	OM4 SC/Sx	6	SW1322 1161
Fiber Optic Panel	Fully Loaded	1U	OM4 SC/Sx	12	SW1322 1162
Fiber Optic Panel	Fully Loaded	1U	OM4 SC/Sx	18	SW1322 1163
Fiber Optic Panel	Fully Loaded	1U	OM4 SC/Sx	24	SW1322 1164
Fiber Optic Panel	Fully Loaded	2U	OM4 SC/Sx	36	SW1322 1165
Fiber Optic Panel	Fully Loaded	2U	OM4 SC/Sx	48	SW1322 1266

## Multi-function Drawer Loaded with MM Adaptor



DESCRIPTION	TYPE	SIZE	CONNECTOR	# OF PORTS	PART NUMBER
MFD Panel	Loaded with MM Adaptor	1U	OM3 LC /Dx	12	SW1322 4112
MFD Panel	Loaded with MM Adaptor	1U	OM3 LC /Dx	24	SW1322 4114
MFD Panel	Loaded with MM Adaptor	1U	OM3 SC/ Dx	12	SW1322 4132
MFD Panel	Loaded with MM Adaptor	1U	OM3 SC/ Dx	24	SW1322 4134
MFD Panel	Loaded with MM Adaptor	1U	OM3 SC/Sx	12	SW1322 4152
MFD Panel	Loaded with MM Adaptor	1U	OM3 SC/Sx	24	SW1322 4154
MFD Panel	Loaded with MM Adaptor	1U	OM4 LC/Dx	12	SW1322 4122
MFD Panel	Loaded with MM Adaptor	1U	OM4 LC/Dx	24	SW1322 4124
MFD Panel	Loaded with MM Adaptor	1U	OM4 SC/Dx	12	SW1322 4142
MFD Panel	Loaded with MM Adaptor	1U	OM4 SC/Dx	24	SW1322 4144
MFD Panel	Loaded with MM Adaptor	1U	OM4 SC/ Sx	12	SW1322 4162
MFD Panel	Loaded with MM Adaptor	1U	OM4 SC/ Sx	24	SW1322 4164

## Multi Mode Front Plate



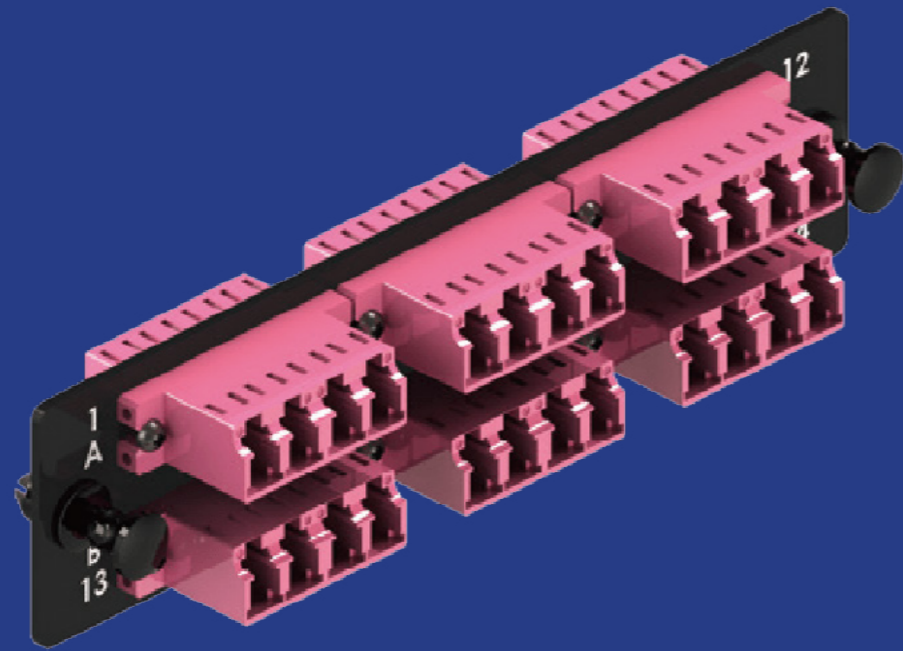
DESCRIPTION	CONNECTOR	# OF PORTS	PART NUMBER
Multimode Front Plates	OM3 LC Duplex	12 Duplex	SW1322 6111
Multimode Front Plates	OM3 LC Duplex	24 Duplex	SW1322 6112
Multimode Front Plates	OM3 LC Quad	12 QUAD	SW1322 6113
Multimode Front Plates	OM3 LC Quad	24 QUAD	SW1322 6114
Multimode Front Plates	OM3 SC Duplex	12 Duplex	SW1322 6121
Multimode Front Plates	OM3 SC Duplex	24 Duplex	SW1322 6122
Multimode Front Plates	OM3 SC Simplex	12 Simplex	SW1322 6123
Multimode Front Plates	OM3 SC Simplex	24 Simplex	SW1322 6124
Multimode Front Plates	OM4 LC Duplex	12 Duplex	SW1322 6211
Multimode Front Plates	OM4 LC Duplex	24 Duplex	SW1322 6212
Multimode Front Plates	OM4 LC Quad	12 QUAD	SW1322 6213
Multimode Front Plates	OM4 LC Quad	24 QUAD	SW1322 6214
Multimode Front Plates	OM4 SC Duplex	12 Duplex	SW1322 6221
Multimode Front Plates	OM4 SC Duplex	24 Duplex	SW1322 6222
Multimode Front Plates	OM4 SC Simplex	12 Simplex	SW1322 6223
Multimode Front Plates	OM4 SC Simplex	24 Simplex	SW1322 6224

# Multi Mode Fiber Cassette

Unleash the power of high-speed connectivity with premium fiber cassette solutions.

## MAIN FEATURES

- RELIABLE AND LIGHTNING-FAST PERFORMANCE FOR ALL YOUR NETWORKING NEEDS



## MM Fiber Cassette

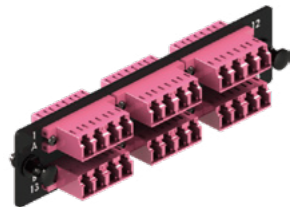


### PRODUCT FEATURES

- To mount in a single slot at modular optic drawer
- 12/24 fiber variants
- Equipped with FO adapters
- Equipped with pigtail set
- Equipped with splice clamp
- Equipped with splice protectors
- LC duplex, SC, interface support
- Cable reserve organizers
- Pigtails reverse organizers
- Cable fastening

DESCRIPTION	TYPE	FIBER TYPE	CONNECTOR	# OF FIBERS	PART NUMBER
Multimode Fiber Cassette	Without Pigtails	OM3	LC/Dx	12	SW1323 1111
Multimode Fiber Cassette	Without Pigtails	OM3	LC/Dx	24	SW1323 1112
Multimode Fiber Cassette	Without Pigtails	OM3	SC/Dx	6	SW1323 1121
Multimode Fiber Cassette	Without Pigtails	OM3	SC/Dx	12	SW1323 1122
Multimode Fiber Cassette	Without Pigtails	OM4	LC/Dx	12	SW1323 1211
Multimode Fiber Cassette	Without Pigtails	OM4	LC/Dx	24	SW1323 1212
Multimode Fiber Cassette	Without Pigtails	OM4	SC/Dx	6	SW1323 1213
Multimode Fiber Cassette	Without Pigtails	OM4	SC/Dx	12	SW1323 1214
Multimode Fiber Cassette	With pigtails	OM3	LC/Dx	12	SW1323 2111
Multimode Fiber Cassette	With pigtails	OM3	LC/Dx	24	SW1323 2112
Multimode Fiber Cassette	With pigtails	OM3	SC/Dx	6	SW1323 2121
Multimode Fiber Cassette	With pigtails	OM3	SC/Dx	12	SW1323 2122
Multimode Fiber Cassette	With pigtails	OM4	LC/Dx	12	SW1323 2211
Multimode Fiber Cassette	With pigtails	OM4	LC/Dx	24	SW1323 2212
Multimode Fiber Cassette	With pigtails	OM4	SC/Dx	6	SW1323 2221
Multimode Fiber Cassette	With pigtails	OM4	SC/Dx	12	SW1323 2222

## Adaptor Plate



DESCRIPTION	CONNECTOR	# OF FIBERS	PART NUMBER
Adaptor plate Multi Mode	OM3 LC	12 F	SW1323 1311
Adaptor plate Multi Mode	OM3 LC	24F	SW1323 1312
Adaptor plate Multi Mode	OM4 LC	12 F	SW1323 1313
Adaptor plate Multi Mode	OM4 LC	24F	SW1323 1314
Adaptor plate Multi Mode	OM3 SC	6F	SW1323 1315
Adaptor plate Multi Mode	OM3 SC	12 F	SW1323 1316
Adaptor plate Multi Mode	OM4 SC	6F	SW1323 1317
Adaptor plate Multi Mode	OM4 SC	12 F	SW1323 1318

## MM MPO Fiber Cassette



### PRODUCT FEATURES

- Plug & play solution
- To mount in a single HD slot
- 12/24 fiber variants
- Type A/B connections
- Equipped with FO adapters
- Factory-made connections inside the cassette
- LC duplex, SC, interface support
- Cable fastening
- Label mounting

### APPLICATIONS:

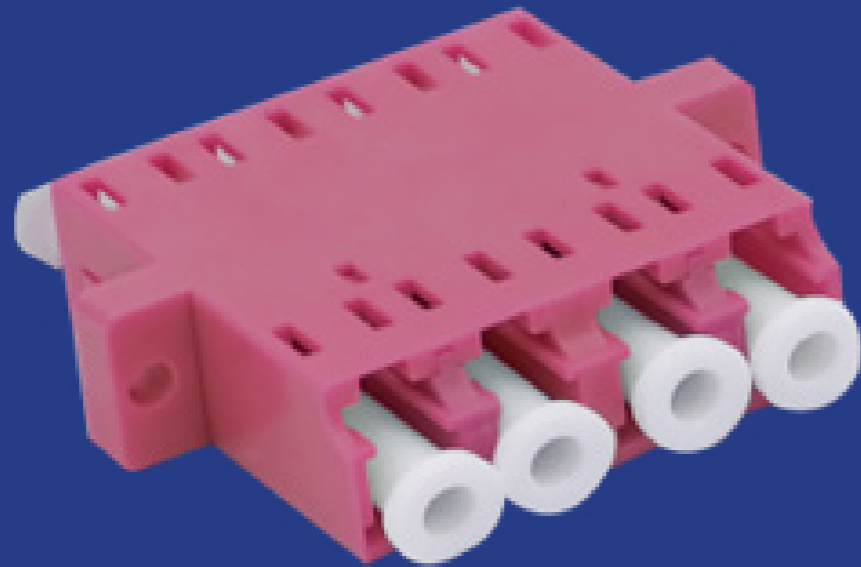
- Data centers

MPO CASSETTE FIBER TYPE	REAR PORT	FIBER TYPE	FRONT PORT	POLARITY	PART NUMBER
Multi Mode Cassette	MPO	OM3	6 LC Duplex	Type A standard	SW1323 3231
Multi Mode Cassette	MPO	OM3	6 LC Duplex	Type A flipped	SW1323 3232
Multi Mode Cassette	MPO	OM3	6 LC Duplex	Type B standard	SW1323 3233
Multi Mode Cassette	MPO	OM3	6 LC Duplex	Type B flipped	SW1323 3234
Multi Mode Cassette	MPO	OM3	6 SC Duplex	Type A standard	SW1323 3241
Multi Mode Cassette	MPO	OM3	6 SC Duplex	Type A flipped	SW1323 3242
Multi Mode Cassette	MPO	OM3	6 SC Duplex	Type B standard	SW1323 3243
Multi Mode Cassette	MPO	OM3	6 SC Duplex	Type B flipped	SW1323 3244
Multi Mode Cassette	MPO	OM3	12 SC Simplex	Type A standard	SW1323 3261
Multi Mode Cassette	MPO	OM3	12 SC Simplex	Type A flipped	SW1323 3262
Multi Mode Cassette	MPO	OM3	12 SC Simplex	Type B standard	SW1323 3263
Multi Mode Cassette	MPO	OM3	12 SC Simplex	Type B flipped	SW1323 3264
Multi Mode Cassette	MPO	OM4	6 LC Duplex	Type A standard	SW1323 3331
Multi Mode Cassette	MPO	OM4	6 LC Duplex	Type A flipped	SW1323 3332
Multi Mode Cassette	MPO	OM4	6 LC Duplex	Type B standard	SW1323 3333
Multi Mode Cassette	MPO	OM4	6 LC Duplex	Type B flipped	SW1323 3334
Multi Mode Cassette	MPO	OM4	6 SC Duplex	Type A standard	SW1323 3341
Multi Mode Cassette	MPO	OM4	6 SC Duplex	Type A flipped	SW1323 3342
Multi Mode Cassette	MPO	OM4	6 SC Duplex	Type B standard	SW1323 3343
Multi Mode Cassette	MPO	OM4	6 SC Duplex	Type B flipped	SW1323 3344
Multi Mode Cassette	MPO	OM4	12 SC Simplex	Type A standard	SW1323 3361
Multi Mode Cassette	MPO	OM4	12 SC Simplex	Type A flipped	SW1323 3362
Multi Mode Cassette	MPO	OM4	12 SC Simplex	Type B standard	SW1323 3363
Multi Mode Cassette	MPO	OM4	12 SC Simplex	Type B flipped	SW1323 3364



# Multi Mode Adaptors & Pigtails

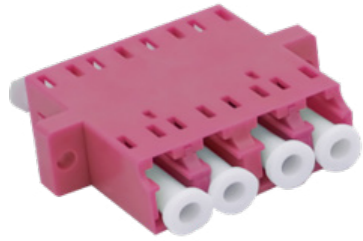
Seamless connectivity and  
optimal performance.



## MAIN FEATURES

- DESIGNED TO MINIMIZE INSERTION LOSS
- SIMPLE INSTALLATION
- COMPACT SIZE
- MEETS WITH TIA-568.3-D STANDARD

## MM Fiber Cassette



### PRODUCT FEATURES

- Meets with TIA-568.3-D standard
- Panel clip for easy installation
- Snap-in designed dust cap

### PRODUCT APPLICATIONS

- Data centers, CCTV & enterprise network environment

DESCRIPTION	TYPE	CONNECTOR	TYPES	DESCRIPTION	PART NUMBER
Fiber Optic Adaptor	Multi Mode	LC	Duplex	OM4, Flange type, with zirconia sleeve, violet color	SW1324 101
Fiber Optic Adaptor	Multi Mode	LC	Duplex	OM3, Flange type, with zirconia sleeve, aqua color	SW1324 102
Fiber Optic Adaptor	Multi Mode	LC	Quad	OM4, Flange type, with zirconia sleeve, violet color	SW1324 103
Fiber Optic Adaptor	Multi Mode	LC	Quad	OM3, Flange type, with zirconia sleeve, aqua color	SW1324 104
Fiber Optic Adaptor	Multi Mode	SC	Duplex	OM4, Flange type, with zirconia sleeve, violet color	SW1324 201
Fiber Optic Adaptor	Multi Mode	SC	Duplex	OM3, Flange type, with zirconia sleeve, aqua color	SW1324 202
Fiber Optic Adaptor	Multi Mode	SC	Simplex	OM4, Flange type, with zirconia sleeve, violet color	SW1324 203
Fiber Optic Adaptor	Multi Mode	SC	Simplex	OM3, Flange type, with zirconia sleeve, aqua color	SW1324 204

## MM Fiber Cassette



### PRODUCT FEATURES

- Excellent performance for on-site installation
- Complies with ANSI/TIA-492CAAC and TIA/EIA-6040-10 standards

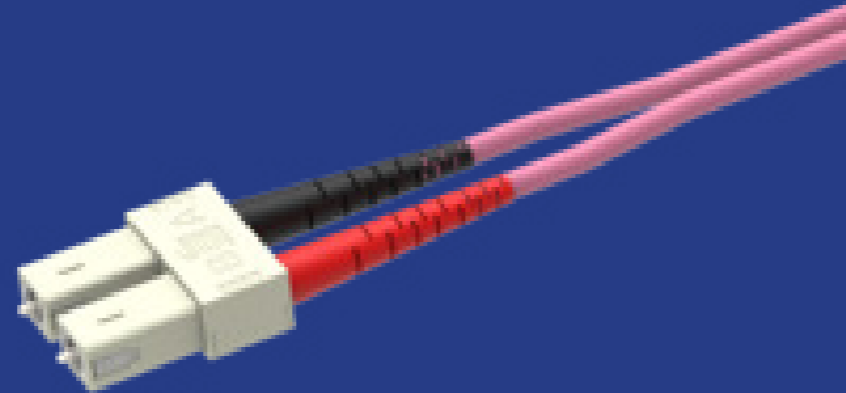
### APPLICATIONS:

- Data centers, LAN solutions, CCTV & enterprise network environment

DESCRIPTION	TYPE	CONNECTOR	TYPES	PART NUMBER
Multimode Fiber Pigtail	OM3	LC	1.5M	SW1325 1131
Multimode Fiber Pigtail	OM3	LC	2.5M	SW1325 1132
Multimode Fiber Pigtail	OM4	LC	1.5M	SW1325 2131
Multimode Fiber Pigtail	OM4	LC	2.5M	SW1325 2132
Multimode Fiber Pigtail	OM5	LC	1.5M	SW1325 3131
Multimode Fiber Pigtail	OM5	LC	2.5M	SW1325 3132
Multimode Fiber Pigtail	OM3	SC	1.5M	SW1325 1231
Multimode Fiber Pigtail	OM3	SC	2.5M	SW1325 1232
Multimode Fiber Pigtail	OM4	SC	1.5M	SW1325 2231
Multimode Fiber Pigtail	OM4	SC	2.5M	SW1325 2232
Multimode Fiber Pigtail	OM5	SC	1.5M	SW1325 3231
Multimode Fiber Pigtail	OM5	SC	2.5M	SW1325 3232
Fiber Optic Fast Connector MM		LC		SW1325 001
Fiber Optic Fast Connector MM		SC		SW1325 002

# Multi Mode Fiber Patch Cord

Superior connectivity, designed for reliable and efficient transmission of data over short to medium distances.



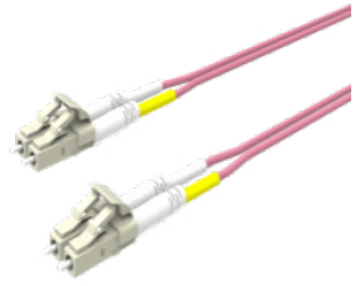
## MAIN FEATURES

- HIGH QUALITY MATERIALS AND CONSTRUCTION
- HIGHER SPEED 100G NETWORKS
- MULTIPLE CONNECTOR OPTIONS, INCLUDING LC, SC.
- COMPATIBLE WITH TIA-568.3-D STANDARD

### Part Number illustration

<b>SW1326</b>	SW125 2101	SW125 2102	SW125 2201	SW125 2203
<b>Multi Mode Fiber Patch Cord</b>	1: LC-LC 2: SC-SC 3: LC-SC	1: OM3 2: OM4 3-OM5	1-Simplex 2-Duplex 3- Uniboot	0-9: Length of patch cord 0=1m 1=2m 2=3m 3=5m 4=8m 5=10m 6=15m 7=20m

## OM3, LC/UPC to LC/UPC, Duplex



### PRODUCT FEATURES

- Factory polished LCdx/PC HD connector
- Push & pull clip to easily plug / unplug the connector
- High density applications
- MM LC-LC Duplex
- Compatible with TIA-568.3-D standard
- Provides total immunity to electrical interference

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord	LC to LC	OM3	Duplex	1M	SW1326 1120
Multimode Fiber Patch Cord	LC to LC	OM3	Duplex	2M	SW1326 1121
Multimode Fiber Patch Cord	LC to LC	OM3	Duplex	3M	SW1326 1122
Multimode Fiber Patch Cord	LC to LC	OM3	Duplex	5M	SW1326 1123

## OM4, LC/UPC to LC/UPC, Duplex

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord	LC to LC	OM4	Duplex	1M	SW1326 1220
Multimode Fiber Patch Cord	LC to LC	OM4	Duplex	2M	SW1326 1221
Multimode Fiber Patch Cord	LC to LC	OM4	Duplex	3M	SW1326 1222
Multimode Fiber Patch Cord	LC to LC	OM4	Duplex	5M	SW1326 1223

## OM5, LC/UPC to LC/UPC, Duplex

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord OM5	LC to LC	OM5	Duplex	1M	SW1326 1320
Multimode Fiber Patch Cord OM5	LC to LC	OM5	Duplex	2M	SW1326 1321
Multimode Fiber Patch Cord OM5	LC to LC	OM5	Duplex	3M	SW1326 1322
Multimode Fiber Patch Cord OM5	LC to LC	OM5	Duplex	5M	SW1326 1323

## OM3 SC/UPC to SC/UPC, Duplex



### PRODUCT FEATURES

- Factory polished SC/PC HD connector
- Push & pull clip to easy plug / unplug the connector
- High density applications
- MM SC-SC Duplex
- Compatible with TIA-568.3-D standard
- Provides total immunity to electrical interference

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord	SC to SC	OM3	Duplex	1M	SW1326 2120
Multimode Fiber Patch Cord	SC to SC	OM3	Duplex	2M	SW1326 2121
Multimode Fiber Patch Cord	SC to SC	OM3	Duplex	3M	SW1326 2122
Multimode Fiber Patch Cord	SC to SC	OM3	Duplex	5M	SW1326 2123

## OM4, SC/UPC to SC/UPC, Duplex

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord	SC to SC	OM4	Duplex	1M	SW1326 2220
Multimode Fiber Patch Cord	SC to SC	OM4	Duplex	2M	SW1326 2221
Multimode Fiber Patch Cord	SC to SC	OM4	Duplex	3M	SW1326 2222
Multimode Fiber Patch Cord	SC to SC	OM4	Duplex	5M	SW1326 2223

## OM5, SC/UPC to SC/UPC, Duplex

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord	SC to SC	OM5	Duplex	1M	SW1326 2320
Multimode Fiber Patch Cord	SC to SC	OM5	Duplex	2M	SW1326 2321
Multimode Fiber Patch Cord	SC to SC	OM5	Duplex	3M	SW1326 2322
Multimode Fiber Patch Cord	SC to SC	OM5	Duplex	5M	SW1326 2323



## OM3, LC/UPC to LC/UPC, Simplex

### PRODUCT FEATURES

- Factory polished LCdx/PC HD connector
- Push & pull clip to easy plug / unplug the connector
- High density applications
- MM LC-LC Simplex
- Compatible with TIA-568.3-D standard
- Provides total immunity to electrical interference

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord	LC to LC	OM3	Simplex	1M	SW1326 1110
Multimode Fiber Patch Cord	LC to LC	OM3	Simplex	2M	SW1326 1111
Multimode Fiber Patch Cord	LC to LC	OM3	Simplex	3M	SW1326 1112
Multimode Fiber Patch Cord	LC to LC	OM3	Simplex	5M	SW1326 1113

## OM4, LC/UPC to LC/UPC, Simplex

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord	LC to LC	OM4	Simplex	1M	SW1326 1210
Multimode Fiber Patch Cord	LC to LC	OM4	Simplex	2M	SW1326 1211
Multimode Fiber Patch Cord	LC to LC	OM4	Simplex	3M	SW1326 1212
Multimode Fiber Patch Cord	LC to LC	OM4	Simplex	5M	SW1326 1213

## OM5, LC/UPC to LC/UPC, Simplex

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord	LC to LC	OM5	Simplex	1M	SW1326 1310
Multimode Fiber Patch Cord	LC to LC	OM5	Simplex	2M	SW1326 1311
Multimode Fiber Patch Cord	LC to LC	OM5	Simplex	3M	SW1326 1312
Multimode Fiber Patch Cord	LC to LC	OM5	Simplex	5M	SW1326 1313

## OM3, SC/UPC to SC/UPC, Simplex

### PRODUCT FEATURES

- Factory polished SC/PC HD connector
- Push & pull clip to easy plug / unplug the connector
- High density applications
- MM SC-SC Simplex
- Compatible with TIA-568.3-D standard
- Provides total immunity to electrical interference

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord	SC to SC	OM3	Simplex	1M	SW1326 2110
Multimode Fiber Patch Cord	SC to SC	OM3	Simplex	2M	SW1326 2111
Multimode Fiber Patch Cord	SC to SC	OM3	Simplex	3M	SW1326 2112
Multimode Fiber Patch Cord	SC to SC	OM3	Simplex	5M	SW1326 2113

## OM4, SC/UPC to SC/UPC, Simplex

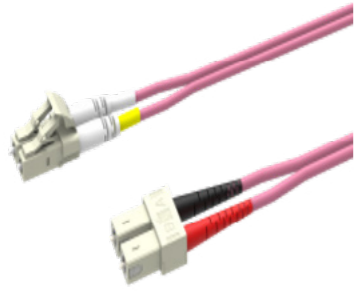
DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord	SC to SC	OM4	Simplex	1M	SW1326 2210
Multimode Fiber Patch Cord	SC to SC	OM4	Simplex	2M	SW1326 2211
Multimode Fiber Patch Cord	SC to SC	OM4	Simplex	3M	SW1326 2212
Multimode Fiber Patch Cord	SC to SC	OM4	Simplex	5M	SW1326 2213

## OM5, SC/UPC to SC/UPC, Simplex

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord OM5	SC to SC	OM5	Simplex	1M	SW1326 2310
Multimode Fiber Patch Cord OM5	SC to SC	OM5	Simplex	2M	SW1326 2311
Multimode Fiber Patch Cord OM5	SC to SC	OM5	Simplex	3M	SW1326 2312
Multimode Fiber Patch Cord OM5	SC to SC	OM5	Simplex	5M	SW1326 2313

## Hybrid Fiber Patch Cord

### OM3, LC/UPC to SC/UPC, Duplex



#### PRODUCT FEATURES

- Factory polished LC-SC/PC HD connector
- Push & pull clip to easy plug / unplug the connector
- High density applications
- MM LC-SC Duplex/ Simplex
- Compatible with TIA-568.3-D standard
- Provides total immunity to electrical interference

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord	LC-SC	OM3	Duplex	1M	SW1326 3120
Multimode Fiber Patch Cord	LC-SC	OM3	Duplex	2M	SW1326 3121
Multimode Fiber Patch Cord	LC-SC	OM3	Duplex	3M	SW1326 3122
Multimode Fiber Patch Cord	LC-SC	OM3	Duplex	5M	SW1326 3123

### OM4, LC/UPC to SC/UPC, Duplex

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord OM4	LC-SC	OM4	Duplex	1M	SW1326 3220
Multimode Fiber Patch Cord OM4	LC-SC	OM4	Duplex	2M	SW1326 3221
Multimode Fiber Patch Cord OM4	LC-SC	OM4	Duplex	3M	SW1326 3222
Multimode Fiber Patch Cord OM4	LC-SC	OM4	Duplex	5M	SW1326 3223

### OM5, LC/UPC to SC/UPC, Duplex

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord OM5	3: LC-SC	OM5	Duplex	1M	SW1326 3320
Multimode Fiber Patch Cord OM5	3: LC-SC	OM5	Duplex	2M	SW1326 3321
Multimode Fiber Patch Cord OM5	3: LC-SC	OM5	Duplex	3M	SW1326 3322
Multimode Fiber Patch Cord OM5	3: LC-SC	OM5	Duplex	5M	SW1326 3323

### OM3, LC/UPC to SC/UPC, Simplex

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord OM3	LC-SC	OM3	Simplex	1M	SW1326 3110
Multimode Fiber Patch Cord OM3	LC-SC	OM3	Simplex	2M	SW1326 3111
Multimode Fiber Patch Cord OM3	LC-SC	OM3	Simplex	3M	SW1326 3112
Multimode Fiber Patch Cord OM3	LC-SC	OM3	Simplex	5M	SW1326 3113

### OM4, LC/UPC to SC/UPC, Simplex

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord OM4	LC-SC	OM4	Simplex	1M	SW1326 3210
Multimode Fiber Patch Cord OM4	LC-SC	OM4	Simplex	2M	SW1326 3211
Multimode Fiber Patch Cord OM4	LC-SC	OM4	Simplex	3M	SW1326 3212
Multimode Fiber Patch Cord OM4	LC-SC	OM4	Simplex	5M	SW1326 3213

### OM5, LC/UPC to SC/UPC, simplex

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord OM5	LC-SC	OM5	Simplex	1M	SW1326 3310
Multimode Fiber Patch Cord OM5	LC-SC	OM5	Simplex	2M	SW1326 3311
Multimode Fiber Patch Cord OM5	LC-SC	OM5	Simplex	3M	SW1326 3312
Multimode Fiber Patch Cord OM5	LC-SC	OM5	Simplex	5M	SW1326 3313

## Uniboot Patch Cord

### OM3, LC -UPC to LC-UPC, FR Uniboot



#### PRODUCT FEATURES

- High quality fiber patch cords
- Single cable strain relief, uniboot type
- LC-LC uniboot connectors
- Space-saving design
- Easy polarity reversal
- High-density applications
- Customizable length
- Provides bend insensitive fiber & flexibility in compact space

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord OM3	LC-LC	OM3	FR Uniboot	1M	SW1326 1130
Multimode Fiber Patch Cord OM3	LC-LC	OM3	FR Uniboot	2M	SW1326 1131
Multimode Fiber Patch Cord OM3	LC-LC	OM3	FR Uniboot	3M	SW1326 1132
Multimode Fiber Patch Cord OM3	LC-LC	OM3	FR Uniboot	5M	SW1326 1133

### OM4, LC -UPC to LC-UPC, FR Uniboot

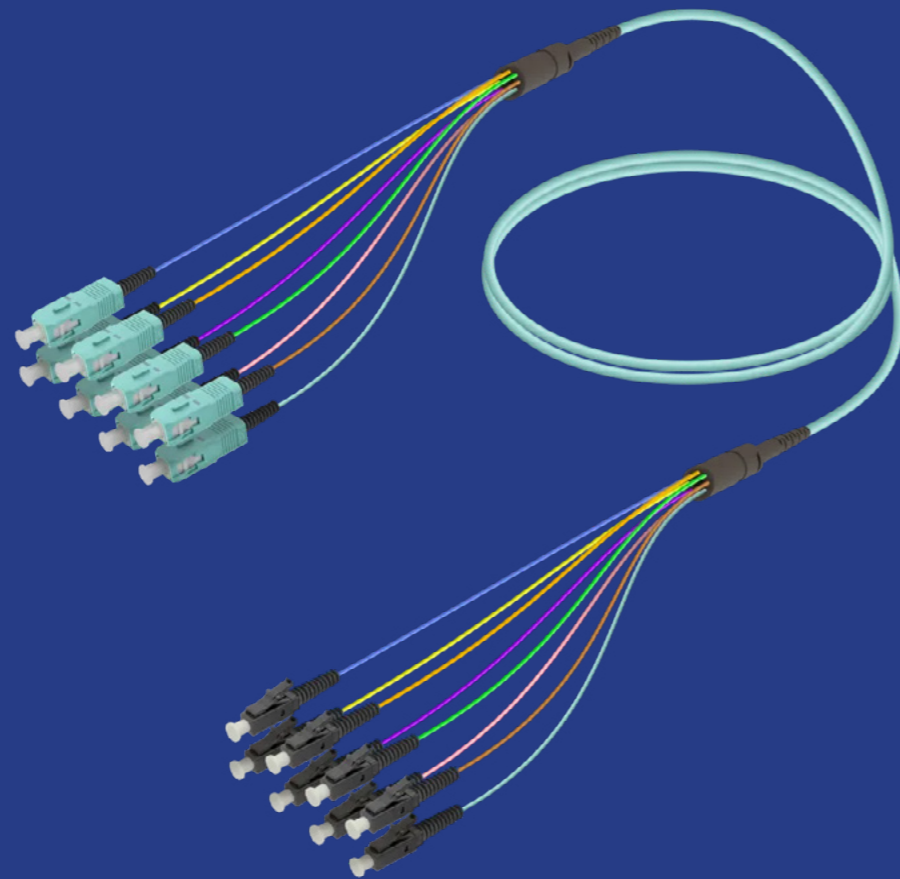
DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord OM4	LC-LC	OM4	FR Uniboot	1M	SW1326 1230
Multimode Fiber Patch Cord OM4	LC-LC	OM4	FR Uniboot	2M	SW1326 1231
Multimode Fiber Patch Cord OM4	LC-LC	OM4	FR Uniboot	3M	SW1326 1232
Multimode Fiber Patch Cord OM4	LC-LC	OM4	FR Uniboot	5M	SW1326 1233
Multimode Fiber Patch Cord OM4	LC-LC	OM4	FR Uniboot	20M	SW1326 1237

### OM5, LC -UPC to LC-UPC, FR Uniboot

DESCRIPTION	CONNECTOR	FIBER TYPE	TYPE	LENGTH	PART NUMBER
Multimode Fiber Patch Cord OM5	LC-LC	OM5	FR Uniboot	1M	SW1326 1330
Multimode Fiber Patch Cord OM5	LC-LC	OM5	FR Uniboot	2M	SW1326 1331
Multimode Fiber Patch Cord OM5	LC-LC	OM5	FR Uniboot	3M	SW1326 1332
Multimode Fiber Patch Cord OM5	LC-LC	OM5	FR Uniboot	5M	SW1326 1333

# Multi Mode Pre-terminated Cables

Designed for easy installation and  
reliable performance



## MAIN FEATURES

- PRE-CONNECTORIZED CABLE
- MPO CONNECTOR DIRECTLY TERMINATED ON THE CABLE
- WIDE RANGE OF DIFFERENT LENGTHS
- VARIOUS CONNECTOR TYPES
- CUSTOMIZED TO MEET THE SPECIFIC REQUIREMENTS

## Multi Mode MPO Breakout Cable 12Fiber OM3 Male to 12LC



### PRODUCT FEATURES

- High-density connectivity
- Reduced installation time
- High-quality connectors, ensuring reliable and secure connections
- Designed for easy cable management
- Customizable options
- High bandwidth and transmission speeds
- Available in various lengths, providing flexibility in designing and deploying network connections
- Complies with ANSI/TIA-568.3-D

### Breakout Cable 12Fiber OM3 Male to 12LC Type A Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM3	Male	12LC	Type A standard	1M	SW1320 22M411
	12Fiber	OM3	Male	12LC	Type A standard	2M	SW1320 22M412
	12Fiber	OM3	Male	12LC	Type A standard	3M	SW1320 22M413
	12Fiber	OM3	Male	12LC	Type A standard	5M	SW1320 22M414
	12Fiber	OM3	Male	12LC	Type A standard	10M	SW1320 22M415
	12Fiber	OM3	Male	12LC	Type A standard	15M	SW1320 22M416
	12Fiber	OM3	Male	12LC	Type A standard	20M	SW1320 22M417
	12Fiber	OM3	Male	12LC	Type A standard	30M	SW1320 22M418
	12Fiber	OM3	Male	12LC	Type A standard	50M	SW1320 22M419

### Breakout Cable 12Fiber OM3 Male to 12LC Type B Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM3	Male	12LC	Type B standard	1M	SW1320 22M421
	12Fiber	OM3	Male	12LC	Type B standard	2M	SW1320 22M422
	12Fiber	OM3	Male	12LC	Type B standard	3M	SW1320 22M423
	12Fiber	OM3	Male	12LC	Type B standard	5M	SW1320 22M424
	12Fiber	OM3	Male	12LC	Type B standard	10M	SW1320 22M425
	12Fiber	OM3	Male	12LC	Type B standard	15M	SW1320 22M426
	12Fiber	OM3	Male	12LC	Type B standard	20M	SW1320 22M427
	12Fiber	OM3	Male	12LC	Type B standard	30M	SW1320 22M428
	12Fiber	OM3	Male	12LC	Type B standard	50M	SW1320 22M429

### Breakout Cable 12Fiber OM3 Male to 12LC Type C Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM3	Male	12LC	Type C standard	1M	SW1320 22M431
	12Fiber	OM3	Male	12LC	Type C standard	2M	SW1320 22M432
	12Fiber	OM3	Male	12LC	Type C standard	3M	SW1320 22M433
	12Fiber	OM3	Male	12LC	Type C standard	5M	SW1320 22M434
	12Fiber	OM3	Male	12LC	Type C standard	10M	SW1320 22M435
	12Fiber	OM3	Male	12LC	Type C standard	15M	SW1320 22M436
	12Fiber	OM3	Male	12LC	Type C standard	20M	SW1320 22M437
	12Fiber	OM3	Male	12LC	Type C standard	30M	SW1320 22M438
	12Fiber	OM3	Male	12LC	Type C standard	50M	SW1320 22M439

## Multi Mode MPO Breakout Cable 12Fiber OM3 Female to 12LC

### Breakout Cable 12Fiber OM3 Female to 12LC Type A Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM3	Female	12LC	Type A standard	1M	SW1320 22F411
	12Fiber	OM3	Female	12LC	Type A standard	2M	SW1320 22F412
	12Fiber	OM3	Female	12LC	Type A standard	3M	SW1320 22F413
	12Fiber	OM3	Female	12LC	Type A standard	5M	SW1320 22F414
	12Fiber	OM3	Female	12LC	Type A standard	10M	SW1320 22F415
	12Fiber	OM3	Female	12LC	Type A standard	15M	SW1320 22F416
	12Fiber	OM3	Female	12LC	Type A standard	20M	SW1320 22F417
	12Fiber	OM3	Female	12LC	Type A standard	30M	SW1320 22F418
	12Fiber	OM3	Female	12LC	Type A standard	50M	SW1320 22F419

### Breakout Cable 12Fiber OM3 Female to 12LC Type B Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM3	Female	12LC	Type B standard	1M	SW1320 22F421
	12Fiber	OM3	Female	12LC	Type B standard	2M	SW1320 22F422
	12Fiber	OM3	Female	12LC	Type B standard	3M	SW1320 22F423
	12Fiber	OM3	Female	12LC	Type B standard	5M	SW1320 22F424
	12Fiber	OM3	Female	12LC	Type B standard	10M	SW1320 22F425
	12Fiber	OM3	Female	12LC	Type B standard	15M	SW1320 22F426
	12Fiber	OM3	Female	12LC	Type B standard	20M	SW1320 22F427
	12Fiber	OM3	Female	12LC	Type B standard	30M	SW1320 22F428
	12Fiber	OM3	Female	12LC	Type B standard	50M	SW1320 22F429

### Breakout Cable 12Fiber OM3 Female to 12LC Type C Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM3	Female	12LC	Type C standard	1M	SW1320 22F431
	12Fiber	OM3	Female	12LC	Type C standard	2M	SW1320 22F432
	12Fiber	OM3	Female	12LC	Type C standard	3M	SW1320 22F433
	12Fiber	OM3	Female	12LC	Type C standard	5M	SW1320 22F434
	12Fiber	OM3	Female	12LC	Type C standard	10M	SW1320 22F435
	12Fiber	OM3	Female	12LC	Type C standard	15M	SW1320 22F436
	12Fiber	OM3	Female	12LC	Type C standard	20M	SW1320 22F437
	12Fiber	OM3	Female	12LC	Type C standard	30M	SW1320 22F438
	12Fiber	OM3	Female	12LC	Type C standard	50M	SW1320 22F439



## Multi Mode MPO Breakout Cable 12Fiber OM3 Male to 12SC

### Breakout Cable 12Fiber OM3 Male to 12SC Type A Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM3	Male	12SC	Type A standard	1M	SW1320 22M411
	12Fiber	OM3	Male	12SC	Type A standard	2M	SW1320 22M412
	12Fiber	OM3	Male	12SC	Type A standard	3M	SW1320 22M413
	12Fiber	OM3	Male	12SC	Type A standard	5M	SW1320 22M414
	12Fiber	OM3	Male	12SC	Type A standard	10M	SW1320 22M415
	12Fiber	OM3	Male	12SC	Type A standard	15M	SW1320 22M416
	12Fiber	OM3	Male	12SC	Type A standard	20M	SW1320 22M417
	12Fiber	OM3	Male	12SC	Type A standard	30M	SW1320 22M418
	12Fiber	OM3	Male	12SC	Type A standard	50M	SW1320 22M419

### Breakout Cable 12Fiber OM3 Male to 12SC Type B Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM3	Male	12SC	Type B standard	1M	SW1320 22M521
	12Fiber	OM3	Male	12SC	Type B standard	2M	SW1320 22M522
	12Fiber	OM3	Male	12SC	Type B standard	3M	SW1320 22M523
	12Fiber	OM3	Male	12SC	Type B standard	5M	SW1320 22M524
	12Fiber	OM3	Male	12SC	Type B standard	10M	SW1320 22M525
	12Fiber	OM3	Male	12SC	Type B standard	15M	SW1320 22M526
	12Fiber	OM3	Male	12SC	Type B standard	20M	SW1320 22M527
	12Fiber	OM3	Male	12SC	Type B standard	30M	SW1320 22M528
	12Fiber	OM3	Male	12SC	Type B standard	50M	SW1320 22M529

### Breakout Cable 12Fiber OM3 Male to 12SC Type C Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM3	Male	12SC	Type C standard	1M	SW1320 22M531
	12Fiber	OM3	Male	12SC	Type C standard	2M	SW1320 22M532
	12Fiber	OM3	Male	12SC	Type C standard	3M	SW1320 22M533
	12Fiber	OM3	Male	12SC	Type C standard	5M	SW1320 22M534
	12Fiber	OM3	Male	12SC	Type C standard	10M	SW1320 22M535
	12Fiber	OM3	Male	12SC	Type C standard	15M	SW1320 22M536
	12Fiber	OM3	Male	12SC	Type C standard	20M	SW1320 22M537
	12Fiber	OM3	Male	12SC	Type C standard	30M	SW1320 22M538
	12Fiber	OM3	Male	12SC	Type C standard	50M	SW1320 22M539

## Multi Mode MPO Breakout Cable 12Fiber OM3 Female to 12SC

### Breakout Cable 12Fiber OM3 Female to 12SC Type A Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM3	Female	12SC	Type A standard	1M	SW1320 22F511
	12Fiber	OM3	Female	12SC	Type A standard	2M	SW1320 22F512
	12Fiber	OM3	Female	12SC	Type A standard	3M	SW1320 22F513
	12Fiber	OM3	Female	12SC	Type A standard	5M	SW1320 22F514
	12Fiber	OM3	Female	12SC	Type A standard	10M	SW1320 22F515
	12Fiber	OM3	Female	12SC	Type A standard	15M	SW1320 22F516
	12Fiber	OM3	Female	12SC	Type A standard	20M	SW1320 22F517
	12Fiber	OM3	Female	12SC	Type A standard	30M	SW1320 22F518
	12Fiber	OM3	Female	12SC	Type A standard	50M	SW1320 22F519

### Breakout Cable 12Fiber OM3 Female to 12SC Type B Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM3	Female	12SC	Type B standard	1M	SW1320 22F521
	12Fiber	OM3	Female	12SC	Type B standard	2M	SW1320 22F522
	12Fiber	OM3	Female	12SC	Type B standard	3M	SW1320 22F523
	12Fiber	OM3	Female	12SC	Type B standard	5M	SW1320 22F524
	12Fiber	OM3	Female	12SC	Type B standard	10M	SW1320 22F525
	12Fiber	OM3	Female	12SC	Type B standard	15M	SW1320 22F526
	12Fiber	OM3	Female	12SC	Type B standard	20M	SW1320 22F527
	12Fiber	OM3	Female	12SC	Type B standard	30M	SW1320 22F528
	12Fiber	OM3	Female	12SC	Type B standard	50M	SW1320 22F529

### Breakout Cable 12Fiber OM3 Female to 12SC Type C Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM3	Female	12SC	Type C standard	1M	SW1320 22F531
	12Fiber	OM3	Female	12SC	Type C standard	2M	SW1320 22F532
	12Fiber	OM3	Female	12SC	Type C standard	3M	SW1320 22F533
	12Fiber	OM3	Female	12SC	Type C standard	5M	SW1320 22F534
	12Fiber	OM3	Female	12SC	Type C standard	10M	SW1320 22F535
	12Fiber	OM3	Female	12SC	Type C standard	15M	SW1320 22F536
	12Fiber	OM3	Female	12SC	Type C standard	20M	SW1320 22F537
	12Fiber	OM3	Female	12SC	Type C standard	30M	SW1320 22F538
	12Fiber	OM3	Female	12SC	Type C standard	50M	SW1320 22F539

## Multi Mode MPO Breakout Cable 12Fiber OM4 Male to 12LC

### Breakout Cable 12Fiber OM4 Male to 12LC Type A Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM4	Male	12LC	Type A standard	1M	SW1320 23M411
	12Fiber	OM4	Male	12LC	Type A standard	2M	SW1320 23M412
	12Fiber	OM4	Male	12LC	Type A standard	3M	SW1320 23M413
	12Fiber	OM4	Male	12LC	Type A standard	5M	SW1320 23M414
	12Fiber	OM4	Male	12LC	Type A standard	10M	SW1320 23M415
	12Fiber	OM4	Male	12LC	Type A standard	15M	SW1320 23M416
	12Fiber	OM4	Male	12LC	Type A standard	20M	SW1320 23M417
	12Fiber	OM4	Male	12LC	Type A standard	30M	SW1320 23M418
	12Fiber	OM4	Male	12LC	Type A standard	50M	SW1320 23M419

### Breakout Cable 12Fiber OM4 Male to 12LC Type B Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM4	Male	12LC	Type B standard	1M	SW1320 23M421
	12Fiber	OM4	Male	12LC	Type B standard	2M	SW1320 23M422
	12Fiber	OM4	Male	12LC	Type B standard	3M	SW1320 23M423
	12Fiber	OM4	Male	12LC	Type B standard	5M	SW1320 23M424
	12Fiber	OM4	Male	12LC	Type B standard	10M	SW1320 23M425
	12Fiber	OM4	Male	12LC	Type B standard	15M	SW1320 23M426
	12Fiber	OM4	Male	12LC	Type B standard	20M	SW1320 23M427
	12Fiber	OM4	Male	12LC	Type B standard	30M	SW1320 23M428
	12Fiber	OM4	Male	12LC	Type B standard	50M	SW1320 23M429

### Breakout Cable 12Fiber OM4 Male to 12LC Type C Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM4	Male	12LC	Type C standard	1M	SW1320 23M431
	12Fiber	OM4	Male	12LC	Type C standard	2M	SW1320 23M432
	12Fiber	OM4	Male	12LC	Type C standard	3M	SW1320 23M433
	12Fiber	OM4	Male	12LC	Type C standard	5M	SW1320 23M434
	12Fiber	OM4	Male	12LC	Type C standard	10M	SW1320 23M435
	12Fiber	OM4	Male	12LC	Type C standard	15M	SW1320 23M436
	12Fiber	OM4	Male	12LC	Type C standard	20M	SW1320 23M437
	12Fiber	OM4	Male	12LC	Type C standard	30M	SW1320 23M438
	12Fiber	OM4	Male	12LC	Type C standard	50M	SW1320 23M439

## Multi Mode MPO Breakout Cable 12Fiber OM4 Female to 12LC

### Breakout Cable 12Fiber OM4 Female to 12LC Type A Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM4	Female	12LC	Type A standard	1M	SW1320 23F411
	12Fiber	OM4	Female	12LC	Type A standard	2M	SW1320 23F412
	12Fiber	OM4	Female	12LC	Type A standard	3M	SW1320 23F413
	12Fiber	OM4	Female	12LC	Type A standard	5M	SW1320 23F414
	12Fiber	OM4	Female	12LC	Type A standard	10M	SW1320 23F415
	12Fiber	OM4	Female	12LC	Type A standard	15M	SW1320 23F416
	12Fiber	OM4	Female	12LC	Type A standard	20M	SW1320 23F417
	12Fiber	OM4	Female	12LC	Type A standard	30M	SW1320 23F418
	12Fiber	OM4	Female	12LC	Type A standard	50M	SW1320 23F419

### Breakout Cable 12Fiber OM4 Female to 12LC Type B Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM4	Female	12LC	Type B standard	1M	SW1320 23F421
	12Fiber	OM4	Female	12LC	Type B standard	2M	SW1320 23F422
	12Fiber	OM4	Female	12LC	Type B standard	3M	SW1320 23F423
	12Fiber	OM4	Female	12LC	Type B standard	5M	SW1320 23F424
	12Fiber	OM4	Female	12LC	Type B standard	10M	SW1320 23F425
	12Fiber	OM4	Female	12LC	Type B standard	15M	SW1320 23F426
	12Fiber	OM4	Female	12LC	Type B standard	20M	SW1320 23F427
	12Fiber	OM4	Female	12LC	Type B standard	30M	SW1320 23F428
	12Fiber	OM4	Female	12LC	Type B standard	50M	SW1320 23F429

### Breakout Cable 12Fiber OM4 Female to 12LC Type C Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM4	Female	12LC	Type C standard	1M	SW1320 23F431
	12Fiber	OM4	Female	12LC	Type C standard	2M	SW1320 23F432
	12Fiber	OM4	Female	12LC	Type C standard	3M	SW1320 23F433
	12Fiber	OM4	Female	12LC	Type C standard	5M	SW1320 23F434
	12Fiber	OM4	Female	12LC	Type C standard	10M	SW1320 23F435
	12Fiber	OM4	Female	12LC	Type C standard	15M	SW1320 23F436
	12Fiber	OM4	Female	12LC	Type C standard	20M	SW1320 23F437
	12Fiber	OM4	Female	12LC	Type C standard	30M	SW1320 23F438
	12Fiber	OM4	Female	12LC	Type C standard	50M	SW1320 23F439

## Multi Mode MPO Breakout Cable 12Fiber OM4 Male to 12SC

### Breakout Cable 12Fiber OM4 Male to 12SC Type A Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM4	Male	12SC	Type A standard	1M	SW1320 23M511
	12Fiber	OM4	Male	12SC	Type A standard	2M	SW1320 23M512
	12Fiber	OM4	Male	12SC	Type A standard	3M	SW1320 23M513
	12Fiber	OM4	Male	12SC	Type A standard	5M	SW1320 23M514
	12Fiber	OM4	Male	12SC	Type A standard	10M	SW1320 23M515
	12Fiber	OM4	Male	12SC	Type A standard	15M	SW1320 23M516
	12Fiber	OM4	Male	12SC	Type A standard	20M	SW1320 23M517
	12Fiber	OM4	Male	12SC	Type A standard	30M	SW1320 23M518
	12Fiber	OM4	Male	12SC	Type A standard	50M	SW1320 23M519

### Breakout Cable 12Fiber OM4 Male to 12SC Type B Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM4	Male	12SC	Type B standard	1M	SW1320 23M521
	12Fiber	OM4	Male	12SC	Type B standard	2M	SW1320 23M522
	12Fiber	OM4	Male	12SC	Type B standard	3M	SW1320 23M523
	12Fiber	OM4	Male	12SC	Type B standard	5M	SW1320 23M524
	12Fiber	OM4	Male	12SC	Type B standard	10M	SW1320 23M525
	12Fiber	OM4	Male	12SC	Type B standard	15M	SW1320 23M526
	12Fiber	OM4	Male	12SC	Type B standard	20M	SW1320 23M527
	12Fiber	OM4	Male	12SC	Type B standard	30M	SW1320 23M528
	12Fiber	OM4	Male	12SC	Type B standard	50M	SW1320 23M529

### Breakout Cable 12Fiber OM4 Male to 12SC Type C Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM4	Male	12SC	Type C standard	1M	SW1320 23M531
	12Fiber	OM4	Male	12SC	Type C standard	2M	SW1320 23M532
	12Fiber	OM4	Male	12SC	Type C standard	3M	SW1320 23M533
	12Fiber	OM4	Male	12SC	Type C standard	5M	SW1320 23M534
	12Fiber	OM4	Male	12SC	Type C standard	10M	SW1320 23M535
	12Fiber	OM4	Male	12SC	Type C standard	15M	SW1320 23M536
	12Fiber	OM4	Male	12SC	Type C standard	20M	SW1320 23M537
	12Fiber	OM4	Male	12SC	Type C standard	30M	SW1320 23M538
	12Fiber	OM4	Male	12SC	Type C standard	50M	SW1320 23M539

## Multi Mode MPO Breakout Cable 12Fiber OM4 Female to 12SC

### Breakout Cable 12Fiber OM4 Female to 12SC Type A Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM4	Female	12SC	Type A standard	1M	SW1320 23F511
	12Fiber	OM4	Female	12SC	Type A standard	2M	SW1320 23F512
	12Fiber	OM4	Female	12SC	Type A standard	3M	SW1320 23F513
	12Fiber	OM4	Female	12SC	Type A standard	5M	SW1320 23F514
	12Fiber	OM4	Female	12SC	Type A standard	10M	SW1320 23F515
	12Fiber	OM4	Female	12SC	Type A standard	15M	SW1320 23F516
	12Fiber	OM4	Female	12SC	Type A standard	20M	SW1320 23F517
	12Fiber	OM4	Female	12SC	Type A standard	30M	SW1320 23F518
	12Fiber	OM4	Female	12SC	Type A standard	50M	SW1320 23F519

### Breakout Cable 12Fiber OM4 Female to 12SC Type B Standard

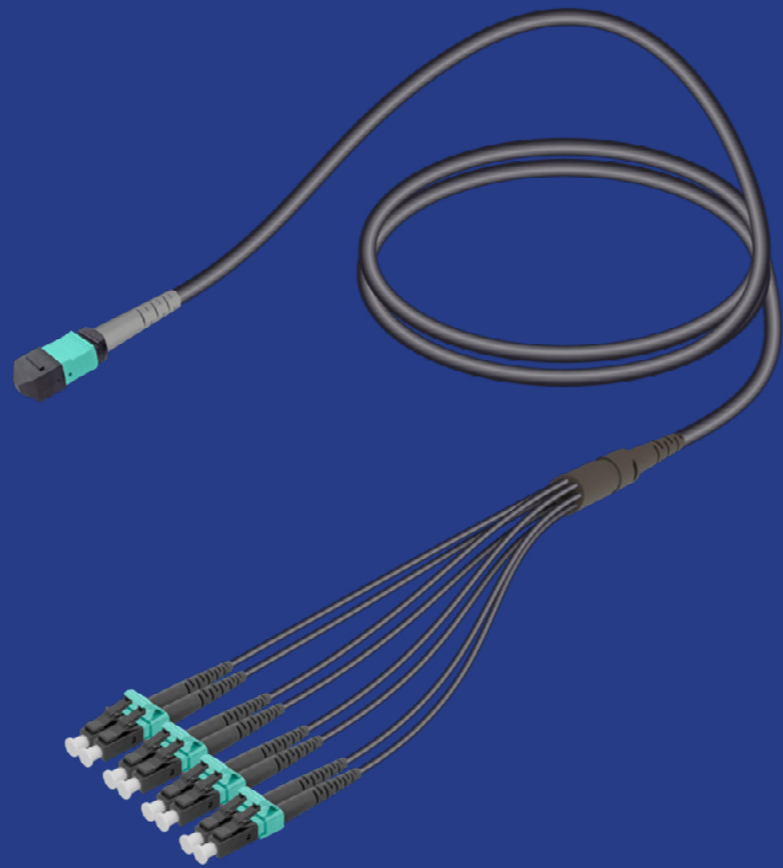
FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM4	Female	12SC	Type B standard	1M	SW1320 23F521
	12Fiber	OM4	Female	12SC	Type B standard	2M	SW1320 23F522
	12Fiber	OM4	Female	12SC	Type B standard	3M	SW1320 23F523
	12Fiber	OM4	Female	12SC	Type B standard	5M	SW1320 23F524
	12Fiber	OM4	Female	12SC	Type B standard	10M	SW1320 23F525
	12Fiber	OM4	Female	12SC	Type B standard	15M	SW1320 23F526
	12Fiber	OM4	Female	12SC	Type B standard	20M	SW1320 23F527
	12Fiber	OM4	Female	12SC	Type B standard	30M	SW1320 23F528
	12Fiber	OM4	Female	12SC	Type B standard	50M	SW1320 23F529

### Breakout Cable 12Fiber OM4 Female to 12SC Type C Standard

FIBER TYPE	FIBER COUNT	FIBER TYPE	END 1	END 2	POLARITY	LENGTH	PART NUMBER
Multi Mode MPO Breakout Cable	12Fiber	OM4	Female	12SC	Type C standard	1M	SW1320 23F531
	12Fiber	OM4	Female	12SC	Type C standard	2M	SW1320 23F532
	12Fiber	OM4	Female	12SC	Type C standard	3M	SW1320 23F533
	12Fiber	OM4	Female	12SC	Type C standard	5M	SW1320 23F534
	12Fiber	OM4	Female	12SC	Type C standard	10M	SW1320 23F535
	12Fiber	OM4	Female	12SC	Type C standard	15M	SW1320 23F536
	12Fiber	OM4	Female	12SC	Type C standard	20M	SW1320 23F537
	12Fiber	OM4	Female	12SC	Type C standard	30M	SW1320 23F538
	12Fiber	OM4	Female	12SC	Type C standard	50M	SW1320 23F539

# Multi Mode MPO Interconnect Fiber Cable

Designed and tested to meet  
rigorous industry standards





## MPO Cable 12Fiber OM3 Male to Male



### PRODUCT FEATURES

- Designed to provide high-capacity, long-distance connectivity
- Easy installation and flexibility in routing
- Low attenuation and high bandwidth
- OM3 Male to Male
- High-quality materials and precision manufacturing
- Various types of polarity standard
- Available in various lengths, providing flexibility in designing and deploying network connections

TYPE	FIBER COUNT	FIBER TYPE	ENDS	POLARITY	LENGTH	PART NUMBER
12Fiber	OM3	Male-Male	Type A standard	1M	SW1320 22111	
12Fiber	OM3	Male-Male	Type A standard	2M	SW1320 22112	
12Fiber	OM3	Male-Male	Type A standard	3M	SW1320 22113	
12Fiber	OM3	Male-Male	Type A standard	5M	SW1320 22114	
12Fiber	OM3	Male-Male	Type A standard	10M	SW1320 22115	
12Fiber	OM3	Male-Male	Type A standard	15M	SW1320 22116	
12Fiber	OM3	Male-Male	Type A standard	20M	SW1320 22117	
12Fiber	OM3	Male-Male	Type A standard	30M	SW1320 22118	
12Fiber	OM3	Male-Male	Type A standard	50M	SW1320 22119	
12Fiber	OM3	Male-Male	Type B standard	1M	SW1320 22121	
12Fiber	OM3	Male-Male	Type B standard	2M	SW1320 22122	
12Fiber	OM3	Male-Male	Type B standard	3M	SW1320 22123	
12Fiber	OM3	Male-Male	Type B standard	5M	SW1320 22124	
12Fiber	OM3	Male-Male	Type B standard	10M	SW1320 22125	
12Fiber	OM3	Male-Male	Type B standard	15M	SW1320 22126	
12Fiber	OM3	Male-Male	Type B standard	20M	SW1320 22127	
12Fiber	OM3	Male-Male	Type B standard	30M	SW1320 22128	
12Fiber	OM3	Male-Male	Type B standard	50M	SW1320 22129	
12Fiber	OM3	Male-Male	Type C standard	1M	SW1320 22131	
12Fiber	OM3	Male-Male	Type C standard	2M	SW1320 22132	
12Fiber	OM3	Male-Male	Type C standard	3M	SW1320 22133	
12Fiber	OM3	Male-Male	Type C standard	5M	SW1320 22134	
12Fiber	OM3	Male-Male	Type C standard	10M	SW1320 22135	
12Fiber	OM3	Male-Male	Type C standard	15M	SW1320 22136	
12Fiber	OM3	Male-Male	Type C standard	20M	SW1320 22137	
12Fiber	OM3	Male-Male	Type C standard	30M	SW1320 22138	
12Fiber	OM3	Male-Male	Type C standard	50M	SW1320 22139	

Multi Mode MPO Cable

## MPO Cable 12Fiber OM3 Male-Female

TYPE	FIBER COUNT	FIBER TYPE	ENDS	POLARITY	LENGTH	PART NUMBER
12Fiber	OM3	Male-Female	Type A standard	1M	SW1320 22211	
12Fiber	OM3	Male-Female	Type A standard	2M	SW1320 22212	
12Fiber	OM3	Male-Female	Type A standard	3M	SW1320 22213	
12Fiber	OM3	Male-Female	Type A standard	5M	SW1320 22214	
12Fiber	OM3	Male-Female	Type A standard	10M	SW1320 22215	
12Fiber	OM3	Male-Female	Type A standard	15M	SW1320 22216	
12Fiber	OM3	Male-Female	Type A standard	20M	SW1320 22217	
12Fiber	OM3	Male-Female	Type A standard	30M	SW1320 22218	
12Fiber	OM3	Male-Female	Type A standard	50M	SW1320 22219	
12Fiber	OM3	Male-Female	Type B standard	1M	SW1320 22221	
12Fiber	OM3	Male-Female	Type B standard	2M	SW1320 22222	
12Fiber	OM3	Male-Female	Type B standard	3M	SW1320 22223	
12Fiber	OM3	Male-Female	Type B standard	5M	SW1320 22224	
12Fiber	OM3	Male-Female	Type B standard	10M	SW1320 22225	
12Fiber	OM3	Male-Female	Type B standard	15M	SW1320 22226	
12Fiber	OM3	Male-Female	Type B standard	20M	SW1320 22227	
12Fiber	OM3	Male-Female	Type B standard	30M	SW1320 22228	
12Fiber	OM3	Male-Female	Type B standard	50M	SW1320 22229	
12Fiber	OM3	Male-Female	Type C standard	1M	SW1320 22231	
12Fiber	OM3	Male-Female	Type C standard	2M	SW1320 22232	
12Fiber	OM3	Male-Female	Type C standard	3M	SW1320 22233	
12Fiber	OM3	Male-Female	Type C standard	5M	SW1320 22234	
12Fiber	OM3	Male-Female	Type C standard	10M	SW1320 22235	
12Fiber	OM3	Male-Female	Type C standard	15M	SW1320 22236	
12Fiber	OM3	Male-Female	Type C standard	20M	SW1320 22237	
12Fiber	OM3	Male-Female	Type C standard	30M	SW1320 22238	
12Fiber	OM3	Male-Female	Type C standard	50M	SW1320 22239	

Multi Mode MPO Cable

## MPO Cable 12Fiber OM3 Female-Female

TYPE	FIBER COUNT	FIBER TYPE	ENDS	POLARITY	LENGTH	PART NUMBER
	12Fiber	OM3	Female-Female	Type A standard	1M	SW1320 22311
	12Fiber	OM3	Female-Female	Type A standard	2M	SW1320 22312
	12Fiber	OM3	Female-Female	Type A standard	3M	SW1320 22313
	12Fiber	OM3	Female-Female	Type A standard	5M	SW1320 22314
	12Fiber	OM3	Female-Female	Type A standard	10M	SW1320 22315
	12Fiber	OM3	Female-Female	Type A standard	15M	SW1320 22316
	12Fiber	OM3	Female-Female	Type A standard	20M	SW1320 22317
	12Fiber	OM3	Female-Female	Type A standard	30M	SW1320 22318
	12Fiber	OM3	Female-Female	Type A standard	50M	SW1320 22319
	12Fiber	OM3	Female-Female	Type B standard	1M	SW1320 22321
	12Fiber	OM3	Female-Female	Type B standard	2M	SW1320 22322
	12Fiber	OM3	Female-Female	Type B standard	3M	SW1320 22323
	12Fiber	OM3	Female-Female	Type B standard	5M	SW1320 22324
	12Fiber	OM3	Female-Female	Type B standard	10M	SW1320 22325
	12Fiber	OM3	Female-Female	Type B standard	15M	SW1320 22326
	12Fiber	OM3	Female-Female	Type B standard	20M	SW1320 22327
	12Fiber	OM3	Female-Female	Type B standard	30M	SW1320 22328
	12Fiber	OM3	Female-Female	Type B standard	50M	SW1320 22329
	12Fiber	OM3	Female-Female	Type C standard	1M	SW1320 22331
	12Fiber	OM3	Female-Female	Type C standard	2M	SW1320 22332
	12Fiber	OM3	Female-Female	Type C standard	3M	SW1320 22333
	12Fiber	OM3	Female-Female	Type C standard	5M	SW1320 22334
	12Fiber	OM3	Female-Female	Type C standard	10M	SW1320 22335
	12Fiber	OM3	Female-Female	Type C standard	15M	SW1320 22336
	12Fiber	OM3	Female-Female	Type C standard	20M	SW1320 22337
	12Fiber	OM3	Female-Female	Type C standard	30M	SW1320 22338
	12Fiber	OM3	Female-Female	Type C standard	50M	SW1320 22339

Multi Mode MPO Cable

FIBER CABLING SOLUTION

ELSEWEDY TELECOM CABLING SOLUTIONS

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## MPO Cable 12Fiber OM4 Male-Male

TYPE	FIBER COUNT	FIBER TYPE	ENDS	POLARITY	LENGTH	PART NUMBER
	12Fiber	OM3	Male-Female	Type A standard	1M	SW1320 22211
	12Fiber	OM3	Male-Female	Type A standard	2M	SW1320 22212
	12Fiber	OM3	Male-Female	Type A standard	3M	SW1320 22213
	12Fiber	OM3	Male-Female	Type A standard	5M	SW1320 22214
	12Fiber	OM3	Male-Female	Type A standard	10M	SW1320 22215
	12Fiber	OM3	Male-Female	Type A standard	15M	SW1320 22216
	12Fiber	OM3	Male-Female	Type A standard	20M	SW1320 22217
	12Fiber	OM3	Male-Female	Type A standard	30M	SW1320 22218
	12Fiber	OM3	Male-Female	Type A standard	50M	SW1320 22219
	12Fiber	OM3	Male-Female	Type B standard	1M	SW1320 22221
	12Fiber	OM3	Male-Female	Type B standard	2M	SW1320 22222
	12Fiber	OM3	Male-Female	Type B standard	3M	SW1320 22223
	12Fiber	OM3	Male-Female	Type B standard	5M	SW1320 22224
	12Fiber	OM3	Male-Female	Type B standard	10M	SW1320 22225
	12Fiber	OM3	Male-Female	Type B standard	15M	SW1320 22226
	12Fiber	OM3	Male-Female	Type B standard	20M	SW1320 22227
	12Fiber	OM3	Male-Female	Type B standard	30M	SW1320 22228
	12Fiber	OM3	Male-Female	Type B standard	50M	SW1320 22229
	12Fiber	OM3	Male-Female	Type C standard	1M	SW1320 22231
	12Fiber	OM3	Male-Female	Type C standard	2M	SW1320 22232
	12Fiber	OM3	Male-Female	Type C standard	3M	SW1320 22233
	12Fiber	OM3	Male-Female	Type C standard	5M	SW1320 22234
	12Fiber	OM3	Male-Female	Type C standard	10M	SW1320 22235
	12Fiber	OM3	Male-Female	Type C standard	15M	SW1320 22236
	12Fiber	OM3	Male-Female	Type C standard	20M	SW1320 22237
	12Fiber	OM3	Male-Female	Type C standard	30M	SW1320 22238
	12Fiber	OM3	Male-Female	Type C standard	50M	SW1320 22239

Multi Mode MPO Cable

FIBER CABLING SOLUTION

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## MPO Cable 12Fiber OM4 Male-Female

TYPE	FIBER COUNT	FIBER TYPE	ENDS	POLARITY	LENGTH	PART NUMBER
	12Fiber	OM4	Male-Female	Type A standard	1M	SW1320 23211
	12Fiber	OM4	Male-Female	Type A standard	2M	SW1320 23212
	12Fiber	OM4	Male-Female	Type A standard	3M	SW1320 23213
	12Fiber	OM4	Male-Female	Type A standard	5M	SW1320 23214
	12Fiber	OM4	Male-Female	Type A standard	10M	SW1320 23215
	12Fiber	OM4	Male-Female	Type A standard	15M	SW1320 23216
	12Fiber	OM4	Male-Female	Type A standard	20M	SW1320 23217
	12Fiber	OM4	Male-Female	Type A standard	30M	SW1320 23218
	12Fiber	OM4	Male-Female	Type A standard	50M	SW1320 23219
	12Fiber	OM4	Male-Female	Type B standard	1M	SW1320 23221
	12Fiber	OM4	Male-Female	Type B standard	2M	SW1320 23222
	12Fiber	OM4	Male-Female	Type B standard	3M	SW1320 23223
	12Fiber	OM4	Male-Female	Type B standard	5M	SW1320 23224
	12Fiber	OM4	Male-Female	Type B standard	10M	SW1320 23225
	12Fiber	OM4	Male-Female	Type B standard	15M	SW1320 23226
	12Fiber	OM4	Male-Female	Type B standard	20M	SW1320 23227
	12Fiber	OM4	Male-Female	Type B standard	30M	SW1320 23228
	12Fiber	OM4	Male-Female	Type B standard	50M	SW1320 23229
	12Fiber	OM4	Male-Female	Type C standard	1M	SW1320 23231
	12Fiber	OM4	Male-Female	Type C standard	2M	SW1320 23232
	12Fiber	OM4	Male-Female	Type C standard	3M	SW1320 23233
	12Fiber	OM4	Male-Female	Type C standard	5M	SW1320 23234
	12Fiber	OM4	Male-Female	Type C standard	10M	SW1320 23235
	12Fiber	OM4	Male-Female	Type C standard	15M	SW1320 23236
	12Fiber	OM4	Male-Female	Type C standard	20M	SW1320 23237
	12Fiber	OM4	Male-Female	Type C standard	30M	SW1320 23238
	12Fiber	OM4	Male-Female	Type C standard	50M	SW1320 23239

Multi Mode MPO Cable

FIBER CABLING SOLUTION

## MPO Cable 12Fiber OM4 Female-Female

TYPE	FIBER COUNT	FIBER TYPE	ENDS	POLARITY	LENGTH	PART NUMBER
	12Fiber	OM4	Female-Female	Type A standard	1M	SW1320 23311
	12Fiber	OM4	Female-Female	Type A standard	2M	SW1320 23312
	12Fiber	OM4	Female-Female	Type A standard	3M	SW1320 23313
	12Fiber	OM4	Female-Female	Type A standard	5M	SW1320 23314
	12Fiber	OM4	Female-Female	Type A standard	10M	SW1320 23315
	12Fiber	OM4	Female-Female	Type A standard	15M	SW1320 23316
	12Fiber	OM4	Female-Female	Type A standard	20M	SW1320 23317
	12Fiber	OM4	Female-Female	Type A standard	30M	SW1320 23318
	12Fiber	OM4	Female-Female	Type A standard	50M	SW1320 23319
	12Fiber	OM4	Female-Female	Type B standard	1M	SW1320 23321
	12Fiber	OM4	Female-Female	Type B standard	2M	SW1320 23322
	12Fiber	OM4	Female-Female	Type B standard	3M	SW1320 23323
	12Fiber	OM4	Female-Female	Type B standard	5M	SW1320 23324
	12Fiber	OM4	Female-Female	Type B standard	10M	SW1320 23325
	12Fiber	OM4	Female-Female	Type B standard	15M	SW1320 23326
	12Fiber	OM4	Female-Female	Type B standard	20M	SW1320 23327
	12Fiber	OM4	Female-Female	Type B standard	30M	SW1320 23328
	12Fiber	OM4	Female-Female	Type B standard	50M	SW1320 23329
	12Fiber	OM4	Female-Female	Type C standard	1M	SW1320 23331
	12Fiber	OM4	Female-Female	Type C standard	2M	SW1320 23332
	12Fiber	OM4	Female-Female	Type C standard	3M	SW1320 23333
	12Fiber	OM4	Female-Female	Type C standard	5M	SW1320 23334
	12Fiber	OM4	Female-Female	Type C standard	10M	SW1320 23335
	12Fiber	OM4	Female-Female	Type C standard	15M	SW1320 23336
	12Fiber	OM4	Female-Female	Type C standard	20M	SW1320 23337
	12Fiber	OM4	Female-Female	Type C standard	30M	SW1320 23338
	12Fiber	OM4	Female-Female	Type C standard	50M	SW1320 23339

Multi Mode MPO Cable

FIBER CABLING SOLUTION

# 03

## RACKS AND CABINETS

- Indoor Solutions
- Outdoor Solutions





# Indoor Solutions

W-SERIES WALL MOUNTED CABINETS

N-SERIES FREE STANDING CABINETS

V-SERIES FREE STANDING CABINETS

OPEN SYSTEM RACKS

ONT-SERIES FLUSH MOUNTED CABINETS

SLIM WALL MOUNTED CABINETS



# N-Series

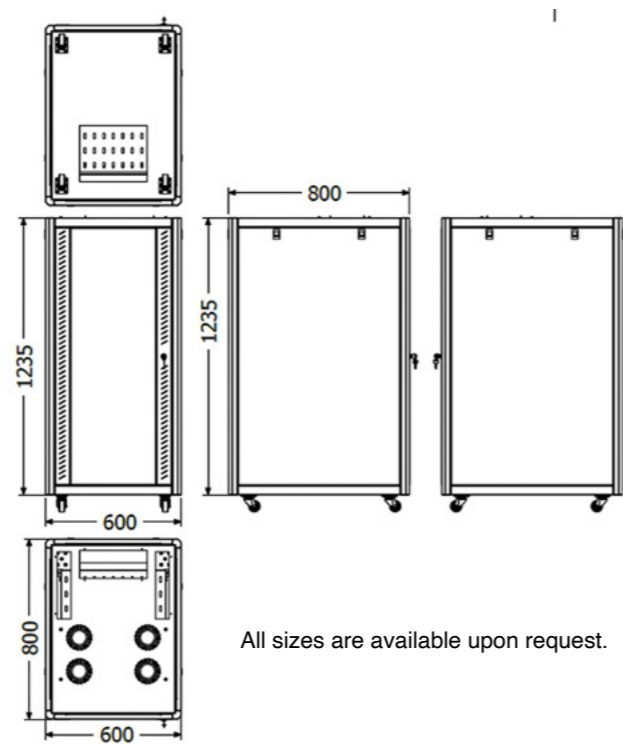
N-series free standing rack cabinets offers the most ideal solutions at the offices and system rooms in the areas of cabling and server installations. The cabinets created in a highly strong and robust structure are unrivalled in their class thanks to their low costs, unique design of top class profile design and easy assembly features. We invite you to meet the top quality that N-series offers for your needs.



## PRODUCT FEATURES

- Loading capacity: 600 Kgs
- Height Options: 12U – 42U for W= 600mm, D=600mm
- Height Options: 12U – 27U for W=600 or 800 mm, D=800mm
- Width Options: 600mm and 800mm
- Depth Options: 600mm, 800mm and 1000mm
- Doors opening angles 130 degrees
- Unassembled option
- Easy assembly
- Plastic cable entry on the top and sliding cable entry on the bottom
- Removable, openable, lockable side doors
- Removable and fixable front wheels with breaks.
- Electrostatic painting
- Color options available RAL 9005 Smooth Black and RAL 7035, Smooth Light Grey, customized upon request
- Up to 4 Fans
- Durable for 600 hours Nano-zirconium based salt spray test. 70-90 micron coating with Nanotechnology RAL7035 Polyester Outdoor Coating.
- Provides high resistance against outer factors.

## TECHNICAL DRAWING



All sizes are available upon request.

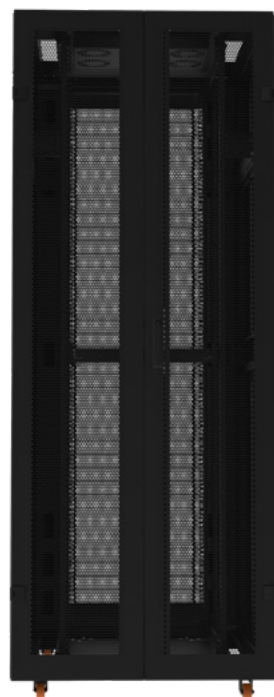
## P/N Description

<b>SWN</b>	-	<b>XX</b>	<b>U-</b>	<b>X</b>	-	<b>X</b>	-	<b>XX</b>	-	<b>X</b>	-	<b>XX</b>
<b>PRODUCT SERIES</b>		<b>RACK HEIGHT</b>		<b>WIDTH</b>		<b>DEPTH</b>		<b>FRONT DOOR</b>		<b>REAR DOOR</b>		<b>COLOR</b>
		XX	U	6 600 8 800		6 600 8 800 1 1000		1 Glass Front Door 2 Perforated Front Door 3 Perforated Front Double Door 4 Solid Door		1 Glass Front Door 2 Perforated Rear Door 3 Perforated Rear Double Door 4 Solid Door		BL Black RAL9005 WL White RAL9003 GL Grey RAL7035

PRODUCT REFERENCE*	"U" HEIGHT	DEPTH BETWEEN RAILS MM	PRODUCT DIMENSIONS (WXDXH) MM		
			WIDTH	DEPTH	HEIGHT
<b>600 X 600</b>					
SWN12U66AAXX	12	390	600	600	1342
SWN16U66AAXX	16	390	600	600	1608
SWN20U66AAXX	20	390	600	600	1786
SWN22U66AAXX	22	390	600	600	1964
SWN26U66AAXX	26	390	600	600	1342
SWN32U66AAXX	32	390	600	600	1608
SWN36U66AAXX	36	390	600	600	1786
SWN40U66AAXX	40	390	600	600	1964
SWN42U66AAXX	42	390	600	600	2053
SWN46U66AAXX	46	390	600	600	2231
<b>600 X 800</b>					
SWN12U68AAXX	12	390	600	800	1342
SWN16U68AAXX	16	390	600	800	1608
SWN20U68AAXX	20	390	600	800	1786
SWN22U68AAXX	22	390	600	800	1964
<b>600 X 1000</b>					
SWN12U61AAXX	12	390	600	1000	1342
SWN16U61AAXX	16	390	600	1000	1608
SWN20U61AAXX	20	390	600	1000	1786
SWN22U61AAXX	22	390	600	1000	1964
<b>800 X 800</b>					
SWN12U88AAXX	12	555	800	800	1342
SWN16U88AAXX	16	555	800	800	1608
SWN20U88AAXX	20	555	800	800	1786
SWN22U88AAXX	22	555	800	800	1964
<b>800 X 1000</b>					
SWN12U81AAXX	12	740	800	1000	1342
SWN16U81AAXX	16	740	800	1000	1608
SWN20U81AAXX	20	740	800	1000	1786
SWN22U81AAXX	22	740	800	1000	1964

# V-Series

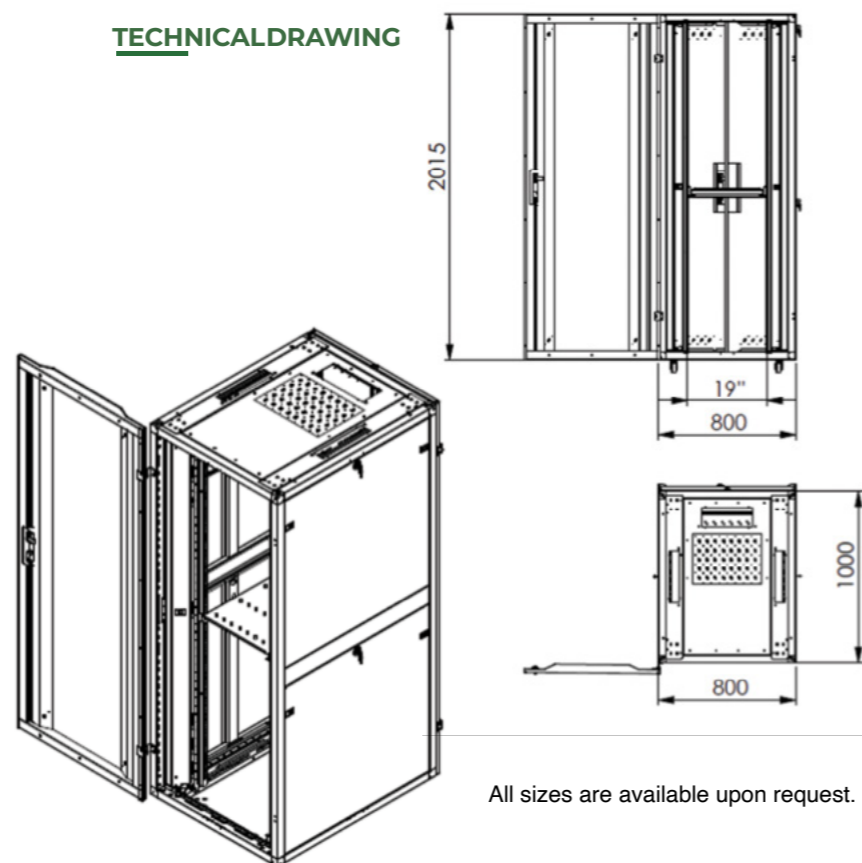
The rich portfolio of V-series High End free standing rack cabinets offers the most ideal solutions at the offices and system rooms in the areas of cabling and server installations. The V-Series is offered with wide product range to meet all the needs and areas of use with the variety of accessories options and the most ideal use of U heights.



## PRODUCT FEATURES

- Loading capacity: Up to 1500 Kgs on levelling feet
- Height Options: Up to 48U
- Width Options: 600mm and 800mm
- Depth Options: 600mm, 800mm, 1000 & 1200 mm
- Doors opening angles 130 degrees
- Unassembled option
- Plastic cable entry on the top and sliding cable entry on the bottom
- Removable, openable, lockable side doors
- Double side panels for easy access
- Removable and fixable front wheels with breaks and heavy duty -feet
- Electrostatic painting
- Color options available RAL 9005 Smooth Black and RAL 7035, Smooth Light Grey, customized upon request
- 63% & 80% perforation rate are available
- Up to 6 fans
- Durable for 600 hours Nano-zirconium based salt spray test.
- 70-90 micron coating with Nanotechnology RAL7035 Polyester Outdoor Coating.
- Provides high resistance against outer factors.

## TECHNICAL DRAWING



## P/N Description

<b>SWV</b>	<b>XX</b>	<b>U-</b>	<b>X</b>	<b>-</b>	<b>X</b>	<b>-</b>	<b>XX</b>	<b>-</b>	<b>X</b>	<b>-</b>	<b>XX</b>
<b>PRODUCT SERIES</b>	<b>RACK HEIGHT</b>		<b>WIDTH</b>		<b>DEPTH</b>		<b>FRONT DOOR</b>		<b>REAR DOOR</b>		<b>COLOR</b>
	XX U		6 600 8 800		6 600 8 800 1 1000 12 1200		0 No Front Door 1 Glass Door 2 Perforated Door 3 Perforated Double Door 4 Solid Door		0 No Rear Door 1 Glass Door 2 Perforated Door 3 Perforated Double Door 4 Solid Door		BL Black RAL9005 WL White RAL9003 GL Grey RAL7035

PRODUCT REFERENCE*	"U" HEIGHT	DEPTH BETWEEN RAILS MM	PRODUCT DIMENSIONS (WXDXH) MM		
			WIDTH	DEPTH	HEIGHT
<b>600 X 800</b>					
SWV26U68AAXX	26	555	600	800	1342
SWV32U68AAXX	32	555	600	800	1608
SWV36U68AAXX	36	555	600	800	1786
SWV40U68AAXX	40	555	600	800	1964
SWV42U68AAXX	42	555	600	800	2053
SWV46U68AAXX	46	555	600	800	2231
<b>600 X 1000</b>					
SWV26U61AAXX	26	740	600	1000	1342
SWV32U61AAXX	32	740	600	1000	1608
SWV36U61AAXX	36	740	600	1000	1786
SWV40U61AAXX	40	740	600	1000	1964
SWV42U61AAXX	42	740	600	1000	2053
SWV46U61AAXX	46	740	600	1000	2231
<b>600 X 1200</b>					
SWV42U82AAXX	42	740	800	1200	2053
SWV46U82AAXX	46	740	800	1200	2231

# W-Series

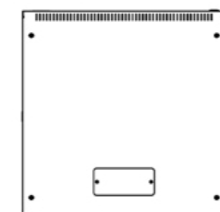
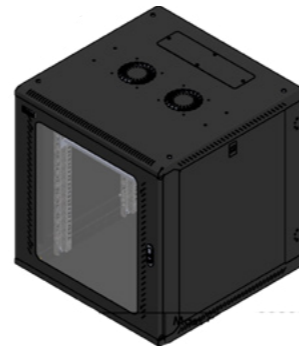
The rich portfolio of W-Series wall type cabinets meets all the U needs in the desired infrastructure to be installed. W-Series wall type cabinets are available in different dimensions options to meet all the needs in a very compact and smart design.



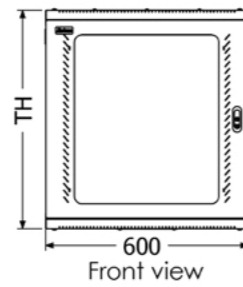
## PRODUCT FEATURES

- Loading capacity: 80 Kgs
- Height Options: 6U up to 20U
- Width Options: 600mm
- Depth Options: 450mm & 600mm,
- Doors opening angles 130 degrees
- Unassembled option
- Easy assembly
- Removable, openable, lockable side doors
- Electrostatic painting
- Color options available RAL 9005 Smooth Black and RAL 7035, Smooth Light Grey, customized

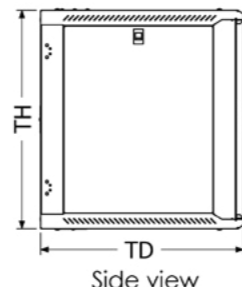
## TECHNICAL DRAWING



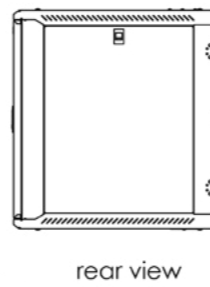
Bottom view



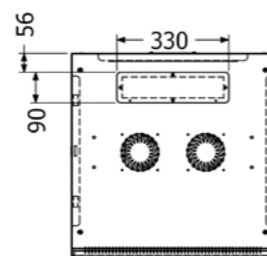
Front view



Side view



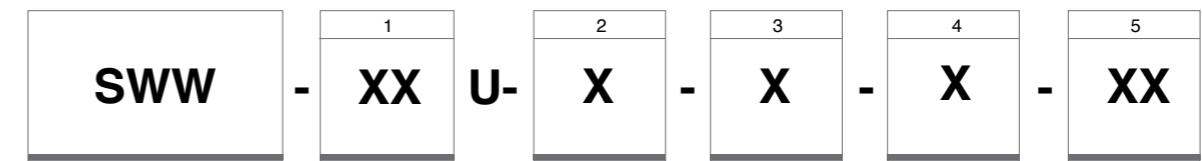
rear view



Top view

All sizes are available upon request.

## P/N Description



PRODUCT SERIES	RACK HEIGHT	WIDTH	DEPTH	PACKAGING	COLOR
SWW	XX U	6 600	4 450	A Assembled UA Unassembled	BL Black RAL9005 WL White RAL9003 GL Grey RAL7035

PRODUCT REFERENCE*	"U" HEIGHT	PRODUCT DIMENSIONS (WxDxH) MM		
		WIDTH	DEPTH	HEIGHT
<b>600 X 450</b>				
SWW6U64A.XX	6	600	450	310
SWW7U64A.XX	7	600	450	355
SWW9U64A.XX	9	600	450	445
SWW12U64A.XX	12	600	450	580
SWW16U64A.XX	16	600	450	755
SWW20U64A.XX	20	600	450	935
<b>600 X 600</b>				
SWW6U66A.XX	6	600	600	310
SWW7U66A.XX	7	600	600	355
SWW9U66A.XX	9	600	600	445
SWW12U66A.XX	12	600	600	580
SWW16U66A.XX	16	600	600	755
SWW20U66A.XX	20	600	600	935



# OS-Series

## FIELDS OF USE

The OS-SERIES Open Frame Rack System, are cabinets solutions used for numerous applications in the network, server storage and electronics fields in clean and dust free environments where no closed cabinet structure is required.

Functionally, it creates a professional look with easy access.

## ECONOMIC SOLUTION

The OS-SERIES Open Frame Rack System, compared to the closed cabinets structure, are preferred as they are more economical and easily installed structure.

Thanks to the intelligent design, it can be used as a single or double roof.

## PRODUCT RANGE

- Loading capacity up to 600 Kgs
- Height Options up to 48U
- Depth Options: 100mm, 200mm,450mm 600mm & 1000mm
- Unassembled option
- Easy assembly
- Removable and fixable front wheels with breaks in double frames
- Electrostatic painting
- Color options available RAL 9005 Smooth Black and RAL 7035, Smooth Light Grey, customized upon request
- Durable for 600 hours Nano-zirconium based salt spray test.
- 70-90 micron coating with Nanotechnology RAL7035 Polyester Outdoor Coating.
- Provides high resistance against outer factors.

## PRODUCT FEATURES

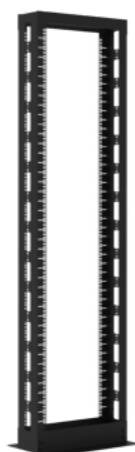
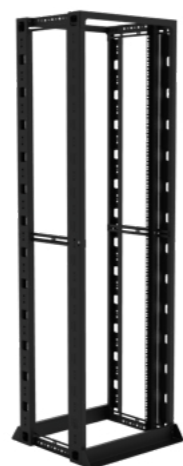
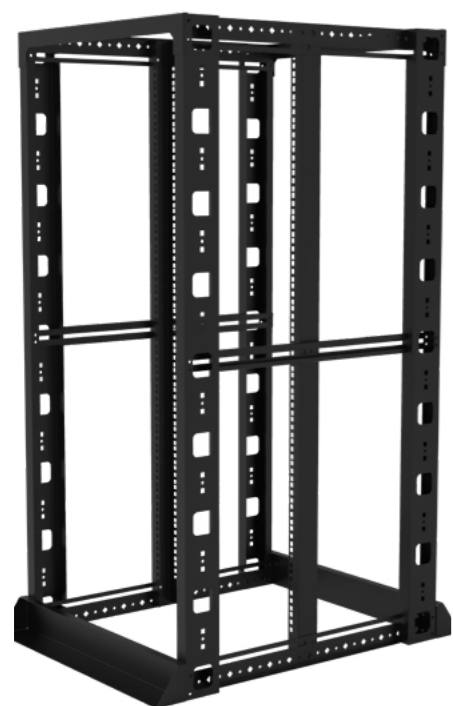
Open Frame Rack System, thanks to the special profile structure designed for the installation of all 19" standard devices, the side hatched are completely removed.

The 7-fold strong beam profile provides maximum durability.

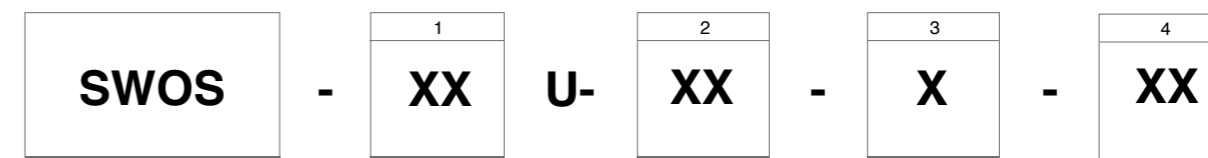
The load carrying capacity is affected by the load distribution, however, when the load distribution is done properly, it provides safe transport up to 600Kg.

Available in different models:

- o Open frame single roof with depth 100 & 200mm
- o Open frame double roof with depth 450,800 & 100mm



## P/N Description



### PRODUCT SERIES

### ROOF HEIGHT

XX U

### ROOF MODEL

SF Single Roof  
DF Double Roof

### DEPTH

SF 100  
SF 200  
DF 450  
DF 600  
DF 800  
DF 1000

### COLOR

BL Black RAL9005  
WL White RAL9003  
GL Grey RAL7035

PRODUCT REFERENCE*	"U" HEIGHT	DEPTH
<b>D=100 mm Open Frame Single Roof</b>		
SWOS16USF100XX	16	100
SWOS26USF100XX	26	100
SWOS36USF100XX	36	100
SWOS42USF100XX	42	100
SWOS46USF100XX	46	100
SWV46U68AAXX	46	555

PRODUCT REFERENCE*	"U" HEIGHT	DEPTH
<b>D=200 mm Open Frame Single Roof</b>		
SWOS16USF200XX	16	200
SWOS26USF200XX	26	200
SWOS36USF200XX	36	200
SWOS42USF200XX	42	200
SWOS46USF200XX	46	200
SWV46U68AAXX	46	555

PRODUCT REFERENCE*	"U" HEIGHT	DEPTH
<b>D=450 mm Open Frame Double Roof</b>		
SWOS16UDF45XX	16	450
SWOS26UDF45XX	26	450
SWOS36UDF45XX	36	450
SWOS42UDF45XX	42	450
SWOS46UDF45XX	46	100

PRODUCT REFERENCE*	"U" HEIGHT	DEPTH
<b>D=800 mm Open Frame Double Roof</b>		
SWOS16UDF80XX	16	800
SWOS26UDF80XX	26	800
SWOS36UDF80XX	36	800
SWOS42UDF80XX	42	800
SWOS46UDF80XX	46	800

PRODUCT REFERENCE*	"U" HEIGHT	DEPTH
<b>D=600 mm Open Frame Double Roof</b>		
SWOS16UDF60XX	16	600
SWOS26UDF60XX	26	600
SWOS36UDF60XX	36	600
SWOS42UDF60XX	42	600
SWOS46UDF60XX	46	600

PRODUCT REFERENCE*	"U" HEIGHT	DEPTH
<b>D=1000 mm Open Frame Single Roof</b>		
SWOS16USF100XX	16	1000
SWOS26USF100XX	26	1000
SWOS36USF100XX	36	1000
SWOS42USF100XX	42	1000
SWOS46USF100XX	46	1000

# ONT Flush Mounted Cabinets

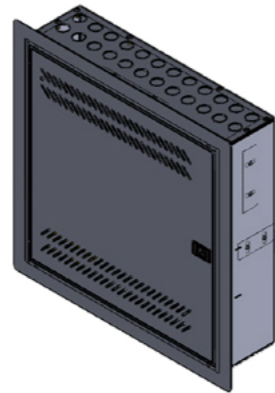
ONT Flush Mounted Cabinets are designed for In-door applications; these cabinets are highly strong cabinets as they are constructed from welded steel pins.

The cabinets perfectly fit to the door sealing with slotted side bending, narrow side bending allows extra space for the installation inside, the mounting plate can be easily removed.

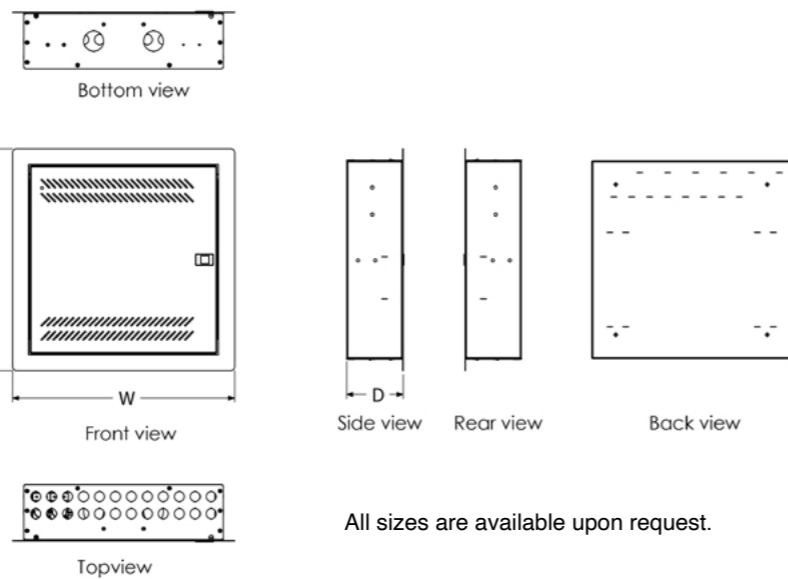
The aim of the Flush Mounted Cabinets is to be buried in the wall with their entire depth, optionally it can wall mount, with depth 600mm it can be used for the 19" applications.

## PRODUCT FEATURES

- Equipment installed: ONT-PATCH PANELS- PDUs- FO termination box
- Standard dimensions W=450, 500 & 600 mm, H= 500 & 600 mm, D= 120 & 150 mm
- Customized dimensions are available upon request
- Material: Galvanized steel
- Doors opening angles 130 degrees
- Electrostatic painting
- RAL 7035 Smooth Light Grey, RAL 9003 white, RAL 9010, customized upon request
- 1 Fan can be installed upon request



## TECHNICAL DRAWING



## P/N Description

<b>SWONT</b>	-	<b>1</b> <b>XX</b>	-	<b>2</b> <b>XX</b>	-	<b>3</b> <b>XX</b>
<b>PRODUCT SERIES</b>		<b>WIDTH</b>		<b>DEPTH</b>		<b>HEIGHT</b>
		40    400		16    160		30    300
		50    500				40    400
		60    600				50    500
		80    800				60    600
						80    800
						10    1000

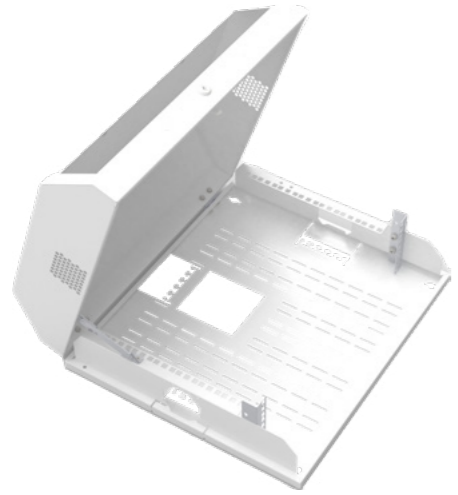
## PRODUCT REFERENCE\*

PRODUCT REFERENCE*	PRODUCT DIMENSIONS (WXDXH) MM		
	WIDTH	DEPTH	HEIGHT
<b>W=400 mm</b>			
SWONT401630	400	160	300
SWONT401640	400	160	400
SWONT401650	400	160	500
SWONT401660	400	160	600
SWONT401680	400	160	800
SWONT401610	400	160	1000
<b>W=500 mm</b>			
SWONT501630	500	160	300
SWONT501640	500	160	400
SWONT501650	500	160	500
SWONT501660	500	160	600
SWONT501680	500	160	800
SWONT501610	500	160	1000
<b>W=600 mm</b>			
SWONT601630	600	160	300
SWONT601640	600	160	400
SWONT601650	600	160	500
SWONT601660	600	160	600
SWONT601680	600	160	800
SWONT601610	600	160	1000
<b>W=800 mm</b>			
SWONT801630	800	160	300
SWONT801640	800	160	400
SWONT801650	800	160	500
SWONT801660	800	160	600
SWONT801680	800	160	800
SWONT801610	800	160	1000

# Slim Wall Mounted Cabinets

SLIM Wall Mounted Cabinets design provides a good work space, thanks to the high resistance hinge system and mechanical stopper of the front cover.

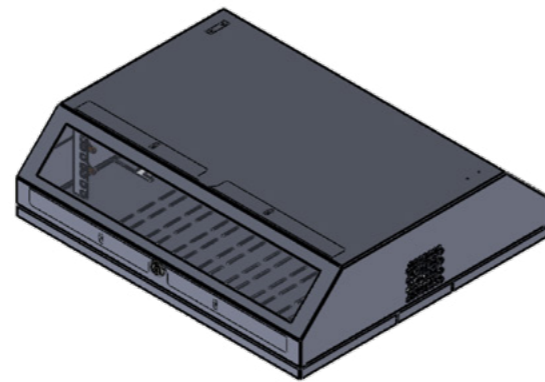
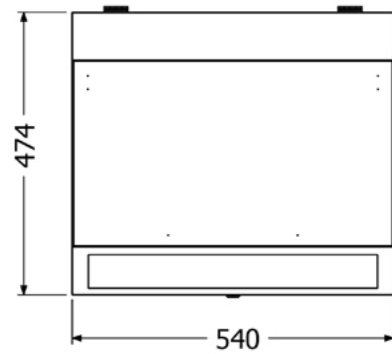
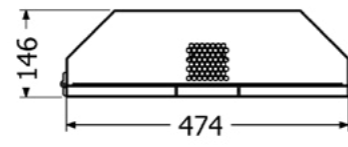
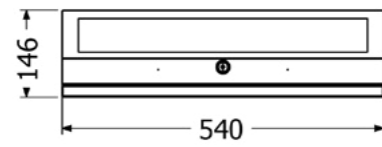
Movable 3U rails are attached by wing nuts providing as easy adjustment in the place without requiring a special tool.



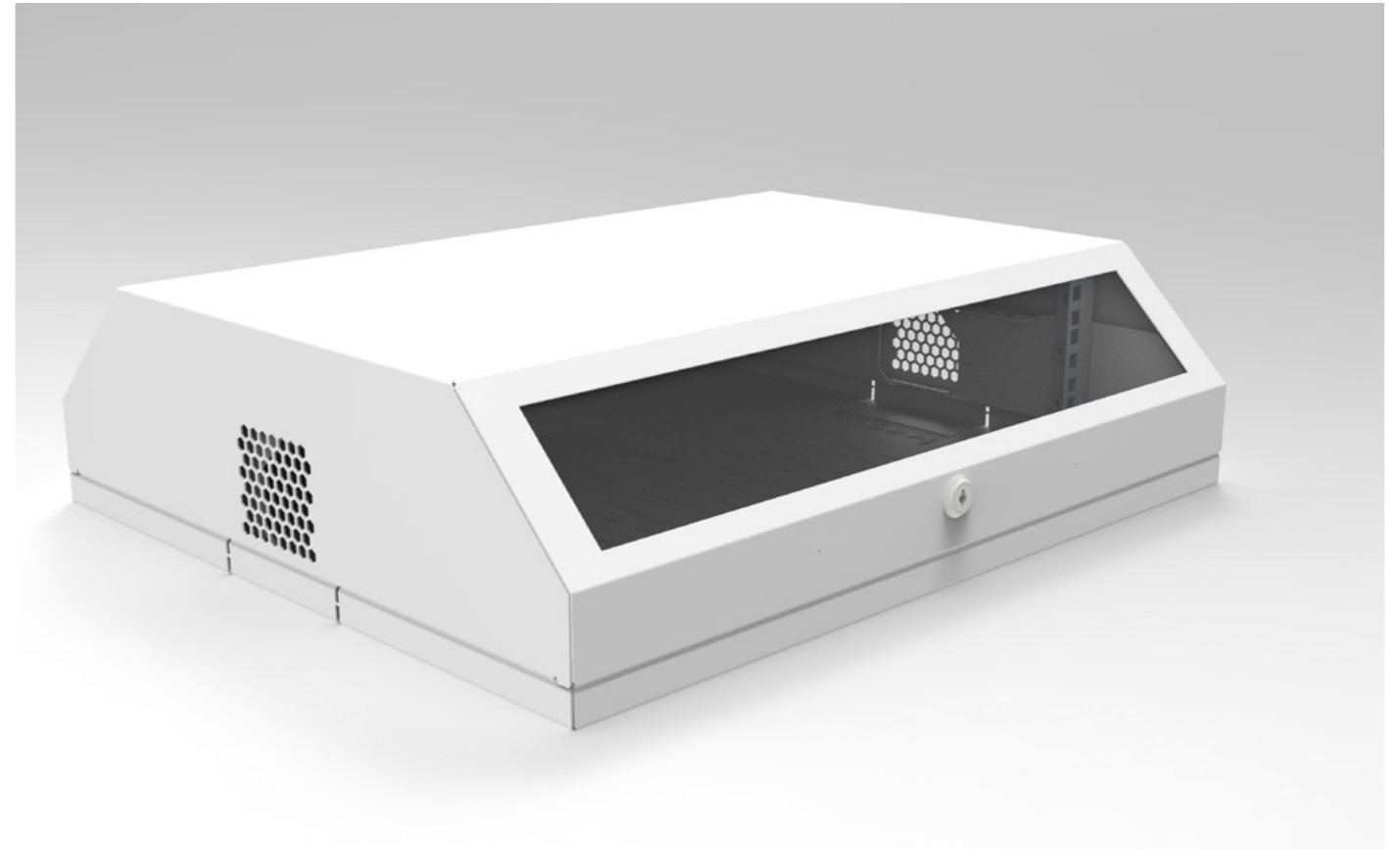
## PRODUCT FEATURES

- Equipment installed: Switch-PATCH PANEL- PDUs- FO termination box
- Standard dimensions W=537 D=475 H=146 mm
- Material: Galvanized steel
- Electrostatic painting
- RAL 7035 Smooth Light Grey, RAL 9003 white, RAL 9010, customized upon request
- Durable for 600 hours Nano-zirconium based salt spray test.
- 70-90 micron coating with Nanotechnology RAL7035 Polyester Outdoor Coating.
- Provides high resistance against outer factors.
- 1 Fan can be installed upon request

## TECHNICALDRAWING



PRODUCT REFERENCE*	"U" HEIGHT	WIDTH BETWEEN RAILS MM	PRODUCT DIMENSIONS (WXDXH) MM		
			WIDTH	DEPTH	HEIGHT
3U+5U=8U SLIM CABINET					
SWSL5347.AA	3U+5U	19"	537	475	1342



# Outdoor Solutions

WALL/POLE MOUNTED RACKS  
FREE STANDING CABINETS  
OUTDOOR TELECOM CABINETS





# FS-Series

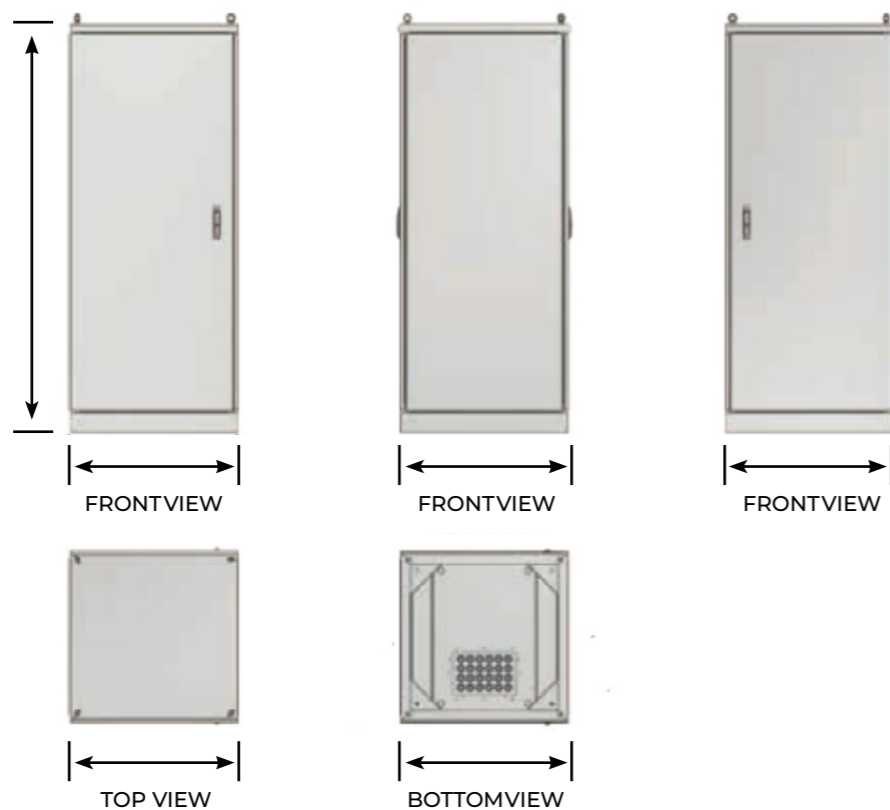
Free standing IP55 Industrial Cabinets enable all type of 19" devices and equipment to work with full protection against dust, water and external impacts



## PRODUCT FEATURES

- Loading capacity: 1000 Kgs
- Height Options: 42U
- IP 55
- Width Options: 600mm and 800mm
- Depth Options: 600mm, 800mm ,1000 mm
- Doors opening angles 130 degrees
- Removable, openable, lockable side doors optional
- Electrostatic painting
- Color options available RAL 9005 Smooth Black and RAL 7035, Smooth Light Grey, customized upon request
- Up to 6 fans
- Durable for 600 hours Nano-zirconium based salt spray test.
- 70-90 micron coating with Nanotechnology RAL7035 Polyester Outdoor Coating.
- Provides high resistance against outer factors.

## TECHNICALDRAWING



## P/N Description

<b>SWWIP55</b>	-	<b>1</b> <b>XX</b>	<b>U-</b>	<b>2</b> <b>X</b>	-	<b>3</b> <b>X</b>	-	<b>4</b> <b>XX</b>
<b>PRODUCT SERIES</b>		<b>RACK HEIGHT</b>		<b>WIDTH</b>		<b>DEPTH</b>		<b>COLOR</b>
		XX U		6 600 8 800 1 1000		6 600 8 800 1 1000		BL Black RAL9005 WL White RAL9003 GL Grey RAL7035

PRODUCT REFERENCE*	"U" HEIGHT	DEPTH BETWEEN RAILS MM	PRODUCT DIMENSIONS (WXDXH) MM		
			WIDTH	DEPTH	HEIGHT
<b>D=600MM</b>					
SW-FSIP5516U66.XX	16	600	600	600	962
SW-FSIP5522U66.XX	22	600	600	600	1228
SW-FSIP5526U66.XX	26	600	600	600	1406
SW-FSIP5532U66.XX	32	600	600	600	1673
SW-FSIP5536U66.XX	36	600	600	600	1850
SW-FSIP5542U66.XX	42	600	600	600	2117
<b>D=800MM</b>					
SW-FSIP5516U68.XX	16	600	600	800	962
SW-FSIP5522U68.XX	22	600	600	800	1228
SW-FSIP5526U68.XX	26	600	600	800	1406
SW-FSIP5532U68.XX	32	600	600	800	1673
SW-FSIP5536U68.XX	36	600	600	800	1850
SW-FSIP5542U68.XX	42	600	600	800	2117
<b>D=1000MM</b>					
SW-FSIP5522U61.XX	22	600	600	1000	1228
SW-FSIP5526U61.XX	26	600	600	1000	1406
SW-FSIP5532U61.XX	32	600	600	1000	1673
SW-FSIP5536U61.XX	36	600	600	1000	1850
SW-FSIP5542U61.XX	42	600	600	1000	2117

PRODUCT REFERENCE*	"U" HEIGHT	WIDTH BETWEEN RAILS MM	PRODUCT DIMENSIONS (WXDXH) MM		
			WIDTH	DEPTH	HEIGHT
<b>D=800MM</b>					
SW-FSIP5522U88.XX	22	800	800	800	1228
SW-FSIP5526U88.XX	26	800	800	800	1406
SW-FSIP5532U88.XX	32	800	800	800	1673
SW-FSIP5536U88.XX	36	800	800	800	1850
SW-FSIP5542U88.XX	42	800	800	800	2117
<b>D=1000MM</b>					
SW-FSIP5522U81.XX	22	800	800	1000	1228
SW-FSIP5526U81.XX	26	800	800	1000	1406
SW-FSIP5532U81.XX	32	800	800	1000	1673
SW-FSIP5536U81.XX	36	800	800	1000	1850
SW-FSIP5542U81.XX	42	800	800	1000	2117

# Telecom Cabinet

ELSEWEDY outdoor cabinet is designed and produced in accordance with the communication industry standards.

It completes the fixation of optical cables, splicing, termination, storage and management of fibers, fixing and cross connection of optical fibers, it is widely used in optical distribution networks.

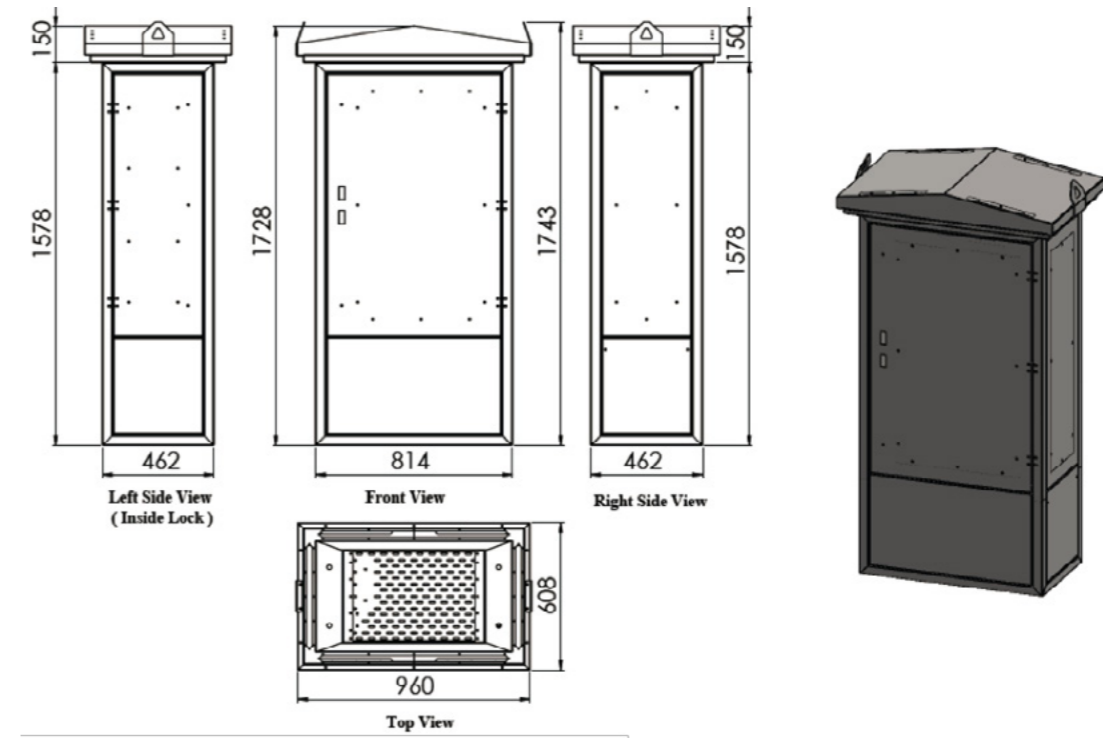
## PRODUCT FEATURES

- Cabinet body is made from high quality gallivanted steel sheets
- External plate thickness 2 mm
- Double layer with isolation material
- Electrostatic Outdoor Painting RAL 7035 Light Gray structured powder coating
- Good space area for handling installed fibers for installation and maintenance phase
- Pyramid shape canopy which ensures fast and easy sliding of rains and dust
- Front lockable door
- Side door with internal lock
- Cabinet is ready to add smart Lock
- Built-in base to accommodate slack incoming cable
- Excellent cable management
- The cable enters and exits from the cable holes at the base of the cabinet.
- IP Rate 66
- Empty weight 180 Kg
- Equipped Weight 230 Kg
- Available in 14, 22 & 28 U

## APPLICATIONS

- Fiber telecommunication network
- FTTX

## TECHNICALDRAWING



DESCRIPTION	P/N	PRODUCT DIMENSIONS (WXDXH) MM		
22U outdoor street cabinet front and side doors	SWD-OTC003FO22	1728	814	462
28U outdoor street cabinet front and side doors	SWD-OTC001FO28	1993	814	462



# WIP-Series

## WIP-SERIES IP55

Outdoor Wall Mounting cabinets provides solution for outdoor uses as wall type cabinets.

Cabinets are designed for industrial applications, like open areas subjected to falling dirt, wind blow, dust particles, rain, or splashing water.

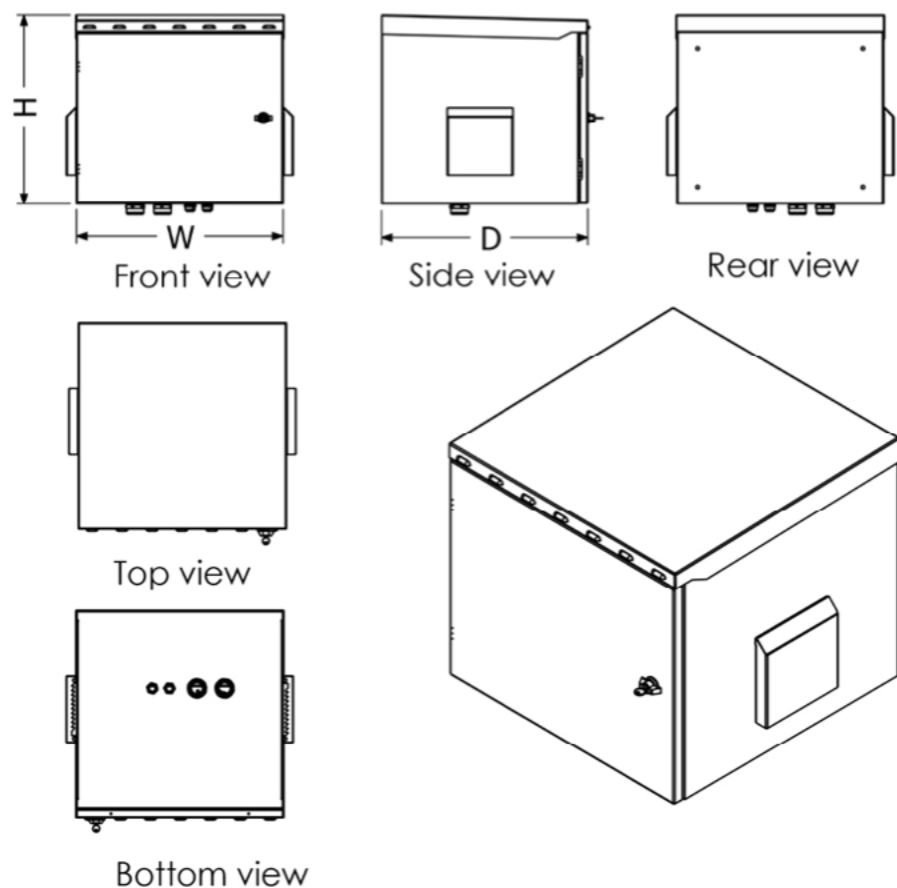
Fully gasketed door, isolated cable entries provide protection against water and dust ingress.



### PRODUCT FEATURES

- Galvanized steel
- Loading capacity: 80 Kgs
- Height Options: Up to 20U
- Width Options: 600mm
- Depth Options: 600mm, 450mm
- Doors opening angles 130 degrees
- Electrostatic painting
- Color options available RAL 9005 Smooth Black and RAL 7035, Smooth Light Grey, customized upon request
- Up to 2 fans
- Durable for 600 hours Nano-zirconium based salt spray test.
- 70-90 micron coating with Nanotechnology RAL7035 Polyester Outdoor Coating.
- Provides high resistance against outer factors.

### TECHNICAL DRAWING



### P/N Description

<b>SWWIP55</b>	-	<b>1</b> <b>XX</b>	<b>U-</b>	<b>2</b> <b>X</b>	-	<b>3</b> <b>X</b>	-	<b>4</b> <b>X</b>
<b>PRODUCT SERIES</b>		<b>RACK HEIGHT</b>		<b>WIDTH</b>		<b>DEPTH</b>		<b>COLOR</b>
		XX U		6 600		45 450 6 600		WL Wall Mount PL Pole Mount GR Ground Mount

PRODUCT REFERENCE*	"U" HEIGHT	DEPTH BETWEEN RAILS MM	PRODUCT DIMENSIONS (WXDXH) MM		
			WIDTH	DEPTH	HEIGHT
<b>600 X 450</b>					
SW-WIP5507U64.WL	7	450	600	450	410
SW-WIP5509U64.WL	9	450	600	450	530
SW-WIP5512U64.WL	12	450	600	450	660
SW-WIP5516U64.WL	16	450	600	450	810
SW-WIP5520U64.WL	20	450	600	450	1030
<b>600 X 600</b>					
SW-WIP5507U66.WL	7	600	600	600	410
SW-WIP5509U66.WL	9	600	600	600	530
SW-WIP5512U66.WL	12	600	600	600	660
SW-WIP5516U66.WL	16	600	600	600	810
SW-WIP5520U66.WL	20	600	600	600	1030

# GIP66 Wall Mounted

## IP66

Outdoor Wall Mounting cabinets are designed for industrial applications, it can be requested as pole, Wall or Ground type, in case it of ground type, a Plinth is added.

Pole type version has a Z shaped Equipment and clips on the back, while wall type has Wall mounting kit.

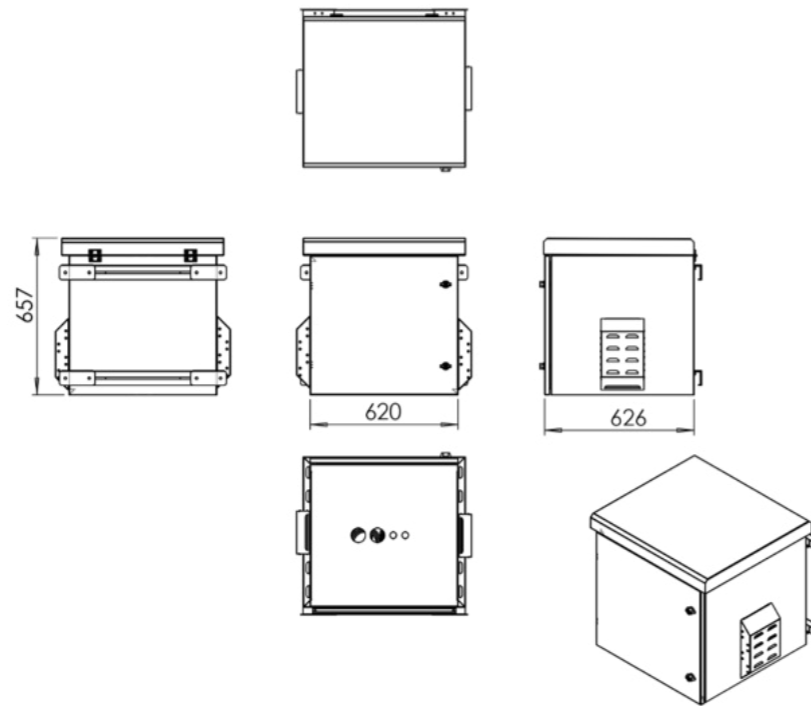
Fully Gasket Door Cabinet, isolated cable entries provide protection against water and dust ingress

### PRODUCT FEATURES

- Galvanized steel
- Loading capacity: 80 Kgs
- IP 66
- Height Options: up to 12U
- Width Options: 600mm
- Depth Options: 600mm, 450mm
- Doors opening angles 130 degrees
- Electrostatic painting
- Color options available RAL 9005 Smooth Black and RAL 7035, Smooth Light Grey, customized upon request
- Up to 2 fans
- Durable for 600 hours Nano-zirconium based salt spray test.
- 70-90 micron coating with Nanotechnology RAL7035



### TECHNICAL DRAWING



### P/N Description

<b>SWGIP66</b>	-	<b>1</b> <b>XX</b>	<b>U-</b>	<b>2</b> <b>X</b>	-	<b>3</b> <b>X</b>	-	<b>4</b> <b>X</b>
<b>PRODUCT SERIES</b>		<b>RACK HEIGHT</b>		<b>WIDTH</b>		<b>DEPTH</b>		<b>COLOR</b>
		XX U		6 600		4 400 6 600		WL Wall Mount PL Pole Mount GR Ground Mount

PRODUCT REFERENCE*	"U" HEIGHT	DEPTH BETWEEN RAILS MM	PRODUCT DIMENSIONS (WXDXH) MM		
			WIDTH	DEPTH	HEIGHT
<b>GIP-Series 600X400</b>					
SW-GIP6607U64.GR	7	400	600	400	515
SW-GIP6609U64.GR	9	400	600	400	605
SW-GIP6612U64.GR	12	400	600	400	740
SW-GIP6616U64.GR	16	400	600	400	915
SW-GIP6620U64.GRL	20	400	600	400	1095
<b>GIP-Series 600X600</b>					
SW-GIP6607U66.GR	7	600	600	600	410
SW-GIP6609U66.GR	9	600	600	600	530
SW-GIP6612U66.GR	12	600	600	600	660
SW-GIP6616U66.GR	16	600	600	600	810
SW-GIP6620U66.GR	20	600	600	600	1030
<b>PIP-Series 600X400</b>					
SW-PIP6607U64.PL	7	400	600	400	415
SW-PIP6609U64.PL	9	400	600	400	505
SW-PIP6612U64.PL	12	400	600	400	640
SW-PIP6616U64.PL	16	400	600	400	815
SW-PIP6620U64.PL	20	400	600	400	995