

Pactech Fiber Optic Cables Catalog

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If you are ready to order or have a question, please go to <http://pactech-inc.com/contact>



Our Story

Founded in 1994 in the Silicon Valley, Pactech started out providing custom data cables and wire harnesses for computer systems. As the rapid growth and evolution of the Internet, cloud computing, networking, and data storage over the last two decades, our business has quickly advanced to become a leading cable and cabling provider for systems, data centers, buildings, and infrastructures.

Our mission is to deliver customers comprehensive cable offerings through innovative engineering, quality manufacturing, and supply chain efficiency. We serve a broad range of customers: cloud/service providers, high tech, manufacturing, transportation, utility, medical, and clean tech. Our reach of customers is beyond North America and includes Asia Pacific, Europe, and Latin America.



Our Value Propositions

With over 20 years of experience, Pactech has won the mindshare of our customers with these competitive advantages:

Custom Engineering

We work closely with you to achieve the best designs possible to give you a leading edge. We review your current design and offer recommendations to help improve performance and reduce costs.

Quality Manufacturing

With our in-house R&D facility, we are able to design and manufacture first articles for prototyping and new product introduction (NPI) projects with a quick turnaround. We have a well-established ecosystem of manufacturing partners so that our products meet or exceed requirements specified by customers and industry standards. Here is a sample list of certifications and compliances our ecosystem partners meet:

- **Manufacturing Practice:** ISO 9001, ISO 13485
- **Environment:** ISO 4001, REACH, ROHS, UL Environment

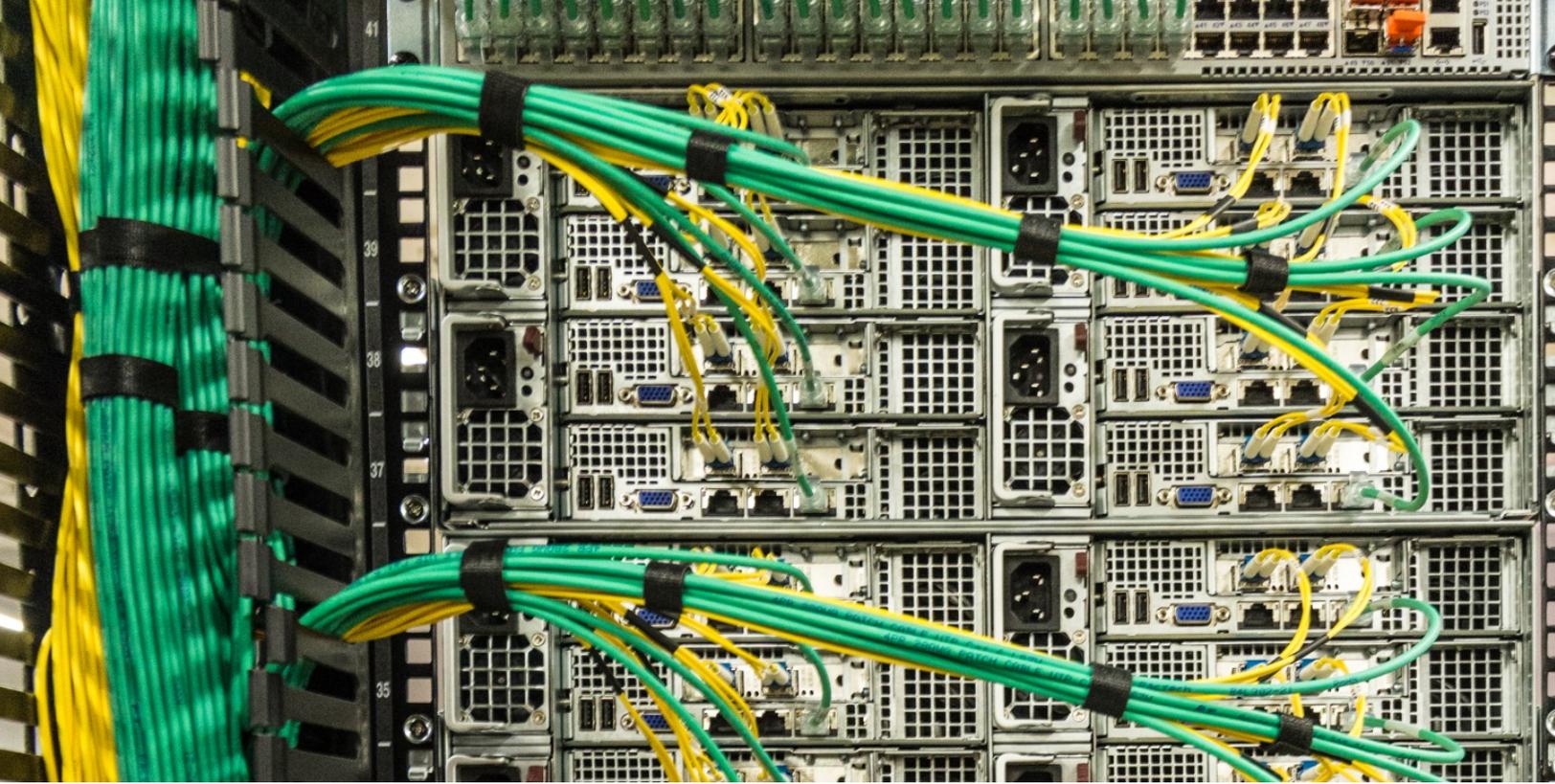
- **Products:** UL 444 for Communication Cable; UL 1651 and CSA 22.2 No.232-09 for Optical Fiber Cable, CSA 22.2; BS 1363 and IEC for Power Cord



As your trusted business partner, we work closely with your technical team to ensure the transition from prototype to full production will be seamless.

Customer-focused Service and Support

We understand what our customers care about. We take pride in our quick turnaround, tight quality control, prompt delivery, and effective resource management to win the heart of our customers. Our products come with warranties up to 25 years.



Our Portfolio

We proudly offer cable and cabling products for three major solutions:

Data Center Cable Solutions	FTTx Solutions	In-Server Cable Solutions
Fiber optic cables	Drop cables	SAS/SATA
DAC cables	Outdoor cables	Wire harnesses
CAT7/6A/6/5E	Indoor cables	USB cables
Power cables	Cable adapters	Display cables
In-rack cable bundling & labeling services	GPON/EPON	Ribbon cables
CCTV cables	Fiber plastic boxes	
Cable management & patch panels	Fiber patch panels	
Cable accessories	Fast installable connectors (FICs)	
	Fiber accessories	

Simplex Single Mode Fiber Optic Cords

Fiber Optic Patch Cords SC-SC Simplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P1P-1391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC-SC 3.0mm Yellow
FC-1P1P-1392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC-SC 3.0mm Yellow
FC-1P1P-1393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC-SC 3.0mm Yellow
FC-1P1P-1395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC-SC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords ST-ST Simplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-2P2P-1391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Simplex ST-ST 3.0mm Yellow
FC-2P2P-1392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Simplex ST-ST 3.0mm Yellow
FC-2P2P-1393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Simplex ST-ST 3.0mm Yellow
FC-2P2P-1395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Simplex ST-ST 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords FC-FC Simplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-4P4P-1391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Simplex LC-LC 3.0mm Yellow
FC-4P4P-1392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Simplex LC-LC 3.0mm Yellow
FC-4P4P-1393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Simplex LC-LC 3.0mm Yellow
FC-4P4P-1395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Simplex LC-LC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords LC-LC Simplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-3P3P-1391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Simplex FC-FC 3.0mm Yellow
FC-3P3P-1392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Simplex FC-FC 3.0mm Yellow
FC-3P3P-1393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Simplex FC-FC 3.0mm Yellow
FC-3P3P-1395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Simplex FC-FC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC-ST Simplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P2P-1391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC-ST 3.0mm Yellow
FC-1P2P-1392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC-ST 3.0mm Yellow
FC-1P2P-1393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC-ST 3.0mm Yellow
FC-1P2P-1395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC-ST 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC-LC Simplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P4P-1391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC-LC 3.0mm Yellow
FC-1P4P-1392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC-LC 3.0mm Yellow
FC-1P4P-1393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC-LC 3.0mm Yellow
FC-1P4P-1395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC-LC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC/APC-SC/APC Simplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1A1A-1391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC/APC-SC/APC 3.0mm Yellow
FC-1A1A-1392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC/APC-SC/APC 3.0mm Yellow
FC-1A1A-1393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC/APC-SC/APC 3.0mm Yellow
FC-1A1A-1395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC/APC-SC/APC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords FC/APC-FC/APC Simplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-3A3A-1391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Simplex FC/APC-FC/APC 3.0mm Yellow
FC-3A3A-1392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Simplex FC/APC-FC/APC 3.0mm Yellow
FC-3A3A-1393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Simplex FC/APC-FC/APC 3.0mm Yellow
FC-3A3A-1395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Simplex FC/APC-FC/APC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords LC/APC-LC/APC Simplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-4A4A-1391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Simplex LC/APC-LC/APC 3.0mm Yellow
FC-4A4A-1392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Simplex LC/APC-LC/APC 3.0mm Yellow
FC-4A4A-1393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Simplex LC/APC-LC/APC 3.0mm Yellow
FC-4A4A-1395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Simplex LC/APC-LC/APC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords SC/APC-FC/APC Simplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1A3A-1391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC/APC-FC/APC 3.0mm Yellow
FC-1A3A-1392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC/APC-FC/APC 3.0mm Yellow
FC-1A3A-1393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC/APC-FC/APC 3.0mm Yellow
FC-1A3A-1395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Simplex SC/APC-FC/APC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Building a Part Number for a Fiber Patch Cord

The two tables below describe how to build a part number for a fiber patch cord.

Cable Type	Connector #1	Polishing	Connector #2	Polishing
FC	1: SC 2: ST 3: FC 4: LC 5: MTRJ 6: MTRJ Male 7: SMA 8: MPO 9: E2000 A: ESCON B: DIN C: MU D: D4 E: LX.5 F: VF45 G: DX with Clips H: LC Uniboot M: FSMA	P: PC U: UPC A: APC	1: SC 2: ST 3: FC 4: LC 5: MTRJ 6: MTRJ Male 7: SMA 8: MPO 9: E2000 A: ESCON B: DIN C: MU D: D4 E: LX.5 F: VF45 G: DX with Clips H: LC Uniboot M: FSMA	P: PC U: UPC A: APC

Fibers	Diameter	Mode	Length	Jacket	Color
1: Simplex 2: Duplex 3: 4 Fibers 4: 6 Fibers 5: 8 Fibers 6: 12 Fibers 7: 24 Fibers 8: 48 Fibers 9: Duplex Round 11: Flat Twin Duplex 12: 12 Fibers Mini Round 13: FTTH 1 Fiber 14: FTTH 2 Fibers	1: 0.9mm 2: 2.0mm 3: 3.0mm F: Flat	6: 62.5/125 OM1 5: 50/125 OM2 2: 50/125 OM3 150 3: 50/125 OM3 300 4: 50/125 OM4 9: 9/125 OS1	1M 2M ...	A: Armored P: PVC- (OFNR) L: LSZH N: OFNP H: Hytrel O: NYCON U: TPU E: PE	AQ: Aqua BK: Black BL: Blue GN: Green GR: Grey OR: Orange PK: Pink PL: Purple RD: Red VT: Violet WH: White YL: Yellow 12: 12 Colored

Examples

FC-1A3A-1195M-L-YL: SC to FC, APC polishing, simplex, 0.9mm, 5M, yellow LSZH jacket

FC-4U4U-2222M-P-AQ: LC to LC, UPC polishing, duplex, 2mm, OM3, 2M long, aqua PVC jacket

Duplex Single Mode Fiber Optic Cords

Fiber Optic Patch Cords SC-SC Duplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P1P-2391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-SC 3.0mm Yellow
FC-1P1P-2392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-SC 3.0mm Yellow
FC-1P1P-2393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-SC 3.0mm Yellow
FC-1P1P-2395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-SC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords ST-ST Duplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-2P2P-2391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Duplex ST-ST 3.0mm Yellow
FC-2P2P-2392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Duplex ST-ST 3.0mm Yellow
FC-2P2P-2393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Duplex ST-ST 3.0mm Yellow
FC-2P2P-2395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Duplex ST-ST 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords FC-FC Duplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-3P3P-2391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Duplex FC-FC 3.0mm Yellow
FC-3P3P-2392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Duplex FC-FC 3.0mm Yellow
FC-3P3P-2393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Duplex FC-FC 3.0mm Yellow
FC-3P3P-2395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Duplex FC-FC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords LC-LC Duplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-4P4P-2391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Duplex LC-LC 3.0mm Yellow
FC-4P4P-2392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Duplex LC-LC 3.0mm Yellow
FC-4P4P-2393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Duplex LC-LC 3.0mm Yellow
FC-4P4P-2395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Duplex LC-LC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords SC-ST Duplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P2P-2391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-ST 3.0mm Yellow
FC-1P2P-2392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-ST 3.0mm Yellow
FC-1P2P-2393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-ST 3.0mm Yellow
FC-1P2P-2395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-ST 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC-LC Duplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P4P-2391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-LC 3.0mm Yellow
FC-1P4P-2392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-LC 3.0mm Yellow
FC-1P4P-2393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-LC 3.0mm Yellow
FC-1P4P-2395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-LC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords MTRJ-MTRJ Duplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-5P5P-2391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Yellow
FC-5P5P-2392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Yellow
FC-5P5P-2393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Yellow
FC-5P5P-2395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC-MTRJ Duplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P5P-2391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-MTRJ 3.0mm Yellow
FC-1P5P-2392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-MTRJ 3.0mm Yellow
FC-1P5P-2393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-MTRJ 3.0mm Yellow
FC-1P5P-2395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC-MTRJ 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC/APC-SC/APC Duplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1A1A-2391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC/APC-SC/APC 3.0mm Yellow
FC-1A1A-2392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC/APC-SC/APC 3.0mm Yellow
FC-1A1A-2393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC/APC-SC/APC 3.0mm Yellow
FC-1A1A-2395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC/APC-SC/APC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords LC/APC-LC/APC Duplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-4A4A-2391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Duplex LC/APC-LC/APC 3.0mm Yellow
FC-4A4A-2392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Duplex LC/APC-LC/APC 3.0mm Yellow
FC-4A4A-2393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Duplex LC/APC-LC/APC 3.0mm Yellow
FC-4A4A-2395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Duplex LC/APC-LC/APC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC/APC-FC/APC Duplex Single Mode OFNR Jacket, OS1

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1A3A-2391M-P-YL	1.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC/APC-FC/APC 3.0mm Yellow
FC-1A3A-2392M-P-YL	2.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC/APC-FC/APC 3.0mm Yellow
FC-1A3A-2393M-P-YL	3.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC/APC-FC/APC 3.0mm Yellow
FC-1A3A-2395M-P-YL	5.0M 9/125um OS1 SM Fiber Optic Cords Duplex SC/APC-FC/APC 3.0mm Yellow

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Building a Part Number for a Fiber Patch Cord

The two tables below describe how to build a part number for a fiber patch cord.

Cable Type	Connector #1	Polishing	Connector #2	Polishing
FC	1: SC 2: ST 3: FC 4: LC 5: MTRJ 6: MTRJ Male 7: SMA 8: MPO 9: E2000 A: ESCON B: DIN C: MU D: D4 E: LX.5 F: VF45 G: DX with Clips H: LC Uniboot M: FSMA	P: PC U: UPC A: APC	1: SC 2: ST 3: FC 4: LC 5: MTRJ 6: MTRJ Male 7: SMA 8: MPO 9: E2000 A: ESCON B: DIN C: MU D: D4 E: LX.5 F: VF45 G: DX with Clips H: LC Uniboot M: FSMA	P: PC U: UPC A: APC

Fibers	Diameter	Mode	Length	Jacket	Color
1: Simplex 2: Duplex 3: 4 Fibers 4: 6 Fibers 5: 8 Fibers 6: 12 Fibers 7: 24 Fibers 8: 48 Fibers 9: Duplex Round 11: Flat Twin Duplex 12: 12 Fibers Mini Round 13: FTTH 1 Fiber 14: FTTH 2 Fibers	1: 0.9mm 2: 2.0mm 3: 3.0mm F: Flat	6: 62.5/125 OM1 5: 50/125 OM2 2: 50/125 OM3 150 3: 50/125 OM3 300 4: 50/125 OM4 9: 9/125 OS1	1M 2M	A: Armored P: PVC- (OFNR) L: LSZH N: OFNP H: Hytrel O: NYCON U: TPU E: PE	AQ: Aqua BK: Black BL: Blue GN: Green GR: Grey OR: Orange PK: Pink PL: Purple RD: Red VT: Violet WH: White YL: Yellow 12: 12 Colored

Examples

FC-1A3A-1195M-L-YL: SC to FC, APC polishing, simplex, 0.9mm, 5M, yellow LSZH jacket

FC-4U4U-2222M-P-AQ: LC to LC, UPC polishing, duplex, 2mm, OM3, 2M long, aqua PVC jacket

Simplex Multimode Fiber Optic Cords

Fiber Optic Patch Cords SC-SC Simplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P1P-1351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-SC 3.0mm Orange
FC-1P1P-1352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-SC 3.0mm Orange
FC-1P1P-1353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-SC 3.0mm Orange
FC-1P1P-1355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-SC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords ST-ST Simplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-2P2P-1351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Simplex ST-ST 3.0mm Orange
FC-2P2P-1352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Simplex ST-ST 3.0mm Orange
FC-2P2P-1353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Simplex ST-ST 3.0mm Orange
FC-2P2P-1355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Simplex ST-ST 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords FC-FC Simplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-3P3P-1351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Simplex FC-FC 3.0mm Orange
FC-3P3P-1352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Simplex FC-FC 3.0mm Orange
FC-3P3P-1353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Simplex FC-FC 3.0mm Orange
FC-3P3P-1355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Simplex FC-FC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords LC-LC Simplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-4P4P-1351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Simplex LC-LC 3.0mm Orange
FC-4P4P-1352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Simplex LC-LC 3.0mm Orange
FC-4P4P-1353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Simplex LC-LC 3.0mm Orange
FC-4P4P-1355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Simplex LC-LC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC-ST Simplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P2P-1351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-ST 3.0mm Orange
FC-1P2P-1352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-ST 3.0mm Orange
FC-1P2P-1353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-ST 3.0mm Orange
FC-1P2P-1355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-ST 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC-FC Simplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P3P-1351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-FC 3.0mm Orange
FC-1P3P-1352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-FC 3.0mm Orange
FC-1P3P-1353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-FC 3.0mm Orange
FC-1P3P-1355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-FC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC-LC Simplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P4P-1351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-LC 3.0mm Orange
FC-1P4P-1352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-LC 3.0mm Orange
FC-1P4P-1353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-LC 3.0mm Orange
FC-1P4P-1355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Simplex SC-LC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords ST-FC Simplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-2P3P-1351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Simplex ST-FC 3.0mm Orange
FC-2P3P-1352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Simplex ST-FC 3.0mm Orange
FC-2P3P-1353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Simplex ST-FC 3.0mm Orange
FC-2P3P-1355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Simplex ST-FC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords ST-LC Simplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-2P4P-1351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Simplex ST-LC 3.0mm Orange
FC-2P4P-1352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Simplex ST-LC 3.0mm Orange
FC-2P4P-1353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Simplex ST-LC 3.0mm Orange
FC-2P4P-1355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Simplex ST-LC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords FC-LC Simplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-3P4P-1351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Simplex FC-LC 3.0mm Orange
FC-3P4P-1352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Simplex FC-LC 3.0mm Orange
FC-3P4P-1353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Simplex FC-LC 3.0mm Orange
FC-3P4P-1355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Simplex FC-LC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Building a Part Number for a Fiber Patch Cord

The two tables below describe how to build a part number for a fiber patch cord.

Cable Type	Connector #1	Polishing	Connector #2	Polishing
FC	1: SC 2: ST 3: FC 4: LC 5: MTRJ 6: MTRJ Male 7: SMA 8: MPO 9: E2000 A: ESCON B: DIN C: MU D: D4 E: LX.5 F: VF45 G: DX with Clips H: LC Uniboot M: FSMA	P: PC U: UPC A: APC	1: SC 2: ST 3: FC 4: LC 5: MTRJ 6: MTRJ Male 7: SMA 8: MPO 9: E2000 A: ESCON B: DIN C: MU D: D4 E: LX.5 F: VF45 G: DX with Clips H: LC Uniboot M: FSMA	P: PC U: UPC A: APC

Fibers	Diameter	Mode	Length	Jacket	Color
1: Simplex 2: Duplex 3: 4 Fibers 4: 6 Fibers 5: 8 Fibers 6: 12 Fibers 7: 24 Fibers 8: 48 Fibers 9: Duplex Round A: Flat Twin Duplex B: 12 Fibers Mini Round C: FTTH 1 Fiber D: FTTH 2 Fibers	1: 0.9mm 2: 2.0mm 3: 3.0mm F: Flat	6: 62.5/125 OM1 5: 50/125 OM2 2: 50/125 OM3 150 3: 50/125 OM3 300 4: 50/125 OM4 9: 9/125 OS1	1M 2M	A: Armored P: PVC- (OFNR) L: LSZH N: OFNP H: Hytrel O: NYCON U: TPU E: PE	AQ: Aqua BK: Black BL: Blue GN: Green GR: Grey OR: Orange PK: Pink PL: Purple RD: Red VT: Violet WH: White YL: Yellow 12: 12 Colored

Examples

FC-1A3A-1195M-L-YL: SC to FC, APC polishing, simplex, 0.9mm, 5M, yellow LSZH jacket

FC-4U4U-2222M-P-AQ: LC to LC, UPC polishing, duplex, 2mm, OM3, 2M long, aqua PVC jacket

Duplex Multimode Fiber Optic Cords

Fiber Optic Patch Cords SC-SC Duplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P1P-2351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-SC 3.0mm Orange
FC-1P1P-2352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-SC 3.0mm Orange
FC-1P1P-2353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-SC 3.0mm Orange
FC-1P1P-2355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-SC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords ST-ST Duplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-2P2P-2351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Duplex ST-ST 3.0mm Orange
FC-2P2P-2352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Duplex ST-ST 3.0mm Orange
FC-2P2P-2353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Duplex ST-ST 3.0mm Orange
FC-2P2P-2355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Duplex ST-ST 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords FC-FC Duplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-3P3P-2351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Duplex FC-FC 3.0mm Orange
FC-3P3P-2352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Duplex FC-FC 3.0mm Orange
FC-3P3P-2353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Duplex FC-FC 3.0mm Orange
FC-3P3P-2355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Duplex FC-FC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords LC-LC Duplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-4P4P-2351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Duplex LC-LC 3.0mm Orange
FC-4P4P-2352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Duplex LC-LC 3.0mm Orange
FC-4P4P-2353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Duplex LC-LC 3.0mm Orange
FC-4P4P-2355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Duplex LC-LC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC-ST Duplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P2P-2351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-ST 3.0mm Orange
FC-1P2P-2352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-ST 3.0mm Orange
FC-1P2P-2353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-ST 3.0mm Orange
FC-1P2P-2355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-ST 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords SC-LC Duplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P4P-2351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-LC 3.0mm Orange
FC-1P4P-2352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-LC 3.0mm Orange
FC-1P4P-2353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-LC 3.0mm Orange
FC-1P4P-2355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-LC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords MTRJ-MTRJ Duplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-5P5P-2351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Orange
FC-5P5P-2352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Orange
FC-5P5P-2353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Orange
FC-5P5P-2355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC-MTRJ Duplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P5P-2351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-MTRJ 3.0mm Orange
FC-1P5P-2352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-MTRJ 3.0mm Orange
FC-1P5P-2353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-MTRJ 3.0mm Orange
FC-1P5P-2355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC-MTRJ 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords LC/APC-LC/APC Duplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-4A4A-2351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Duplex LC/APC-LC/APC 3.0mm Orange
FC-4A4A-2352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Duplex LC/APC-LC/APC 3.0mm Orange
FC-4A4A-2353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Duplex LC/APC-LC/APC 3.0mm Orange
FC-4A4A-2355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Duplex LC/APC-LC/APC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords SC/APC-FC/APC Duplex Multimode OFNR Jacket, OM2

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1A3A-2351M-P-OR	1.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC/APC-FC/APC 3.0mm Orange
FC-1A3A-2352M-P-OR	2.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC/APC-FC/APC 3.0mm Orange
FC-1A3A-2353M-P-OR	3.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC/APC-FC/APC 3.0mm Orange
FC-1A3A-2355M-P-OR	5.0M 50/125um OM2 MM Fiber Optic Cords Duplex SC/APC-FC/APC 3.0mm Orange

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords SC-SC Duplex Multimode OFNR Jacket, OM3

Features

- All fiber optic patch cords listed below are OFNR riser rate
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



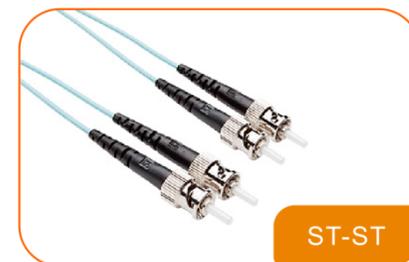
Part Number*	Description
FC-1P1P-2321M-P-AQ	1.0M 50/125um OM3 MM Fiber Optic Cords Duplex SC-SC 3.0mm Aqua
FC-1P1P-2322M-P-AQ	2.0M 50/125um OM3 MM Fiber Optic Cords Duplex SC-SC 3.0mm Aqua
FC-1P1P-2323M-P-AQ	3.0M 50/125um OM3 MM Fiber Optic Cords Duplex SC-SC 3.0mm Aqua
FC-1P1P-2325M-P-AQ	5.0M 50/125um OM3 MM Fiber Optic Cords Duplex SC-SC 3.0mm Aqua

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords ST-ST Duplex Multimode OFNR Jacket, OM3

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-2P2P-2321M-P-AQ	1.0M 50/125um OM3 MM Fiber Optic Cords Duplex ST-ST 3.0mm Aqua
FC-2P2P-2322M-P-AQ	2.0M 50/125um OM3 MM Fiber Optic Cords Duplex ST-ST 3.0mm Aqua
FC-2P2P-2323M-P-AQ	3.0M 50/125um OM3 MM Fiber Optic Cords Duplex ST-ST 3.0mm Aqua
FC-2P2P-2325M-P-AQ	5.0M 50/125um OM3 MM Fiber Optic Cords Duplex ST-ST 3.0mm Aqua

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords LC-LC Duplex Multimode OFNR Jacket, OM3

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P4P-2321M-P-AQ	1.0M 50/125um OM3 MM Fiber Optic Cords Duplex SC-LC 3.0mm Aqua
FC-1P4P-2322M-P-AQ	2.0M 50/125um OM3 MM Fiber Optic Cords Duplex SC-LC 3.0mm Aqua
FC-1P4P-2323M-P-AQ	3.0M 50/125um OM3 MM Fiber Optic Cords Duplex SC-LC 3.0mm Aqua
FC-1P4P-2325M-P-AQ	5.0M 50/125um OM3 MM Fiber Optic Cords Duplex SC-LC 3.0mm Aqua

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC-LC Duplex Multimode OFNR Jacket, OM3

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-4P4P-2321M-P-AQ	1.0M 50/125um OM3 MM Fiber Optic Cords Duplex LC-LC 3.0mm Aqua
FC-4P4P-2322M-P-AQ	2.0M 50/125um OM3 MM Fiber Optic Cords Duplex LC-LC 3.0mm Aqua
FC-4P4P-2323M-P-AQ	3.0M 50/125um OM3 MM Fiber Optic Cords Duplex LC-LC 3.0mm Aqua
FC-4P4P-2325M-P-AQ	5.0M 50/125um OM3 MM Fiber Optic Cords Duplex LC-LC 3.0mm Aqua

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords MTRJ-MTRJ Duplex Multimode OFNR Jacket, OM3

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-5P5P-2321M-P-AQ	1.0M 50/125um OM3 MM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Aqua
FC-5P5P-2322M-P-AQ	2.0M 50/125um OM3 MM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Aqua
FC-5P5P-2323M-P-AQ	3.0M 50/125um OM3 MM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Aqua
FC-5P5P-2325M-P-AQ	5.0M 50/125um OM3 MM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Aqua

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords SC-SC Duplex Multimode OFNR Jacket, OM4

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P1P-2341M-P-AQ	1.0M 50/125um OM4 MM Fiber Optic Cords Duplex SC-SC 3.0mm Aqua
FC-1P1P-2342M-P-AQ	2.0M 50/125um OM4 MM Fiber Optic Cords Duplex SC-SC 3.0mm Aqua
FC-1P1P-2343M-P-AQ	3.0M 50/125um OM4 MM Fiber Optic Cords Duplex SC-SC 3.0mm Aqua
FC-1P1P-2345M-P-AQ	5.0M 50/125um OM4 MM Fiber Optic Cords Duplex SC-SC 3.0mm Aqua

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options

Fiber Optic Patch Cords ST-ST Duplex Multimode OFNR Jacket, OM4

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meter
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-2P2P-2341M-P-AQ	1.0M 50/125um OM4 MM Fiber Optic Cords Duplex ST-ST 3.0mm Aqua
FC-2P2P-2342M-P-AQ	2.0M 50/125um OM4 MM Fiber Optic Cords Duplex ST-ST 3.0mm Aqua
FC-2P2P-2343M-P-AQ	3.0M 50/125um OM4 MM Fiber Optic Cords Duplex ST-ST 3.0mm Aqua
FC-2P2P-2345M-P-AQ	5.0M 50/125um OM4 MM Fiber Optic Cords Duplex ST-ST 3.0mm Aqua

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords LC-LC Duplex Multimode OFNR Jacket, OM4

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this

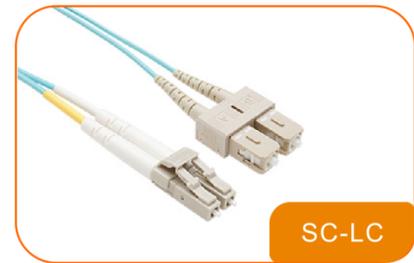
Part Number*	Description
FC-4P4P-2341M-P-AQ	1.0M 50/125um OM4 MM Fiber Optic Cords Duplex LC-LC 3.0mm Aqua
FC-4P4P-2342M-P-AQ	2.0M 50/125um OM4 MM Fiber Optic Cords Duplex LC-LC 3.0mm Aqua
FC-4P4P-2343M-P-AQ	3.0M 50/125um OM4 MM Fiber Optic Cords Duplex LC-LC 3.0mm Aqua
FC-4P4P-2345M-P-AQ	5.0M 50/125um OM4 MM Fiber Optic Cords Duplex LC-LC 3.0mm Aqua

Section for explanation and custom options.

Fiber Optic Patch Cords SC-LC Duplex Multimode OFNR Jacket, OM4

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-1P4P-2341M-P-AQ	1.0M 50/125um OM4 MM Fiber Optic Cords Duplex SC-LC 3.0mm Aqua
FC-1P4P-2342M-P-AQ	2.0M 50/125um OM4 MM Fiber Optic Cords Duplex SC-LC 3.0mm Aqua
FC-1P4P-2343M-P-AQ	3.0M 50/125um OM4 MM Fiber Optic Cords Duplex SC-LC 3.0mm Aqua
FC-1P4P-2345M-P-AQ	5.0M 50/125um OM4 MM Fiber Optic Cords Duplex SC-LC 3.0mm Aqua

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Fiber Optic Patch Cords MTRJ-MTRJ Duplex Multimode OFNR Jacket, OM4

Features

- All fiber optic patch cords listed below are OFNR riser rated
- All cables are 100% optically tested
- All standard length cables are measured in meters
- Please contact us for custom lengths and other connector types



Part Number*	Description
FC-5P5P-2341M-P-AQ	1.0M 50/125um OM4 MM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Aqua
FC-5P5P-2342M-P-AQ	2.0M 50/125um OM4 MM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Aqua
FC-5P5P-2343M-P-AQ	3.0M 50/125um OM4 MM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Aqua
FC-5P5P-2345M-P-AQ	5.0M 50/125um OM4 MM Fiber Optic Cords Duplex MTRJ-MTRJ 3.0mm Aqua

*Refer to *Building a Part Number for a Fiber Patch Cord* at the end of this Section for explanation and custom options.

Building a Part Number for a Fiber Patch Cord

The two tables below describe how to build a part number for a fiber patch cord.

Cable Type	Connector #1	Polishing	Connector #2	Polishing
FC	1: SC 2: ST 3: FC 4: LC 5: MTRJ 6: MTRJ Male 7: SMA 8: MPO 9: E2000 A: ESCON B: DIN C: MU D: D4 E: LX.5 F: VF45 G: DX with Clips H: LC Uniboot M: FSMA	P: PC U: UPC A: APC	1: SC 2: ST 3: FC 4: LC 5: MTRJ 6: MTRJ Male 7: SMA 8: MPO 9: E2000 A: ESCON B: DIN C: MU D: D4 E: LX.5 F: VF45 G: DX with Clips H: LC Uniboot M: FSMA	P: PC U: UPC A: APC

Fibers	Diameter	Mode	Length	Jacket	Color
1: Simplex 2: Duplex 3: 4 Fibers 4: 6 Fibers 5: 8 Fibers 6: 12 Fibers 7: 24 Fibers 8: 48 Fibers 9: Duplex Round A: Flat Twin Duplex B: 12 Fibers Mini Round C: FTTH 1 Fiber D: FTTH 2 Fibers	1: 0.9mm 2: 2.0mm 3: 3.0mm F: Flat	6: 62.5/125 OM1 5: 50/125 OM2 2: 50/125 OM3 150 3: 50/125 OM3 300 4: 50/125 OM4 9: 9/125 OS1	1M 2M	A: Armored P: PVC- (OFNR) L: LSZH N: OFNP H: Hytrel O: NYCON U: TPU E: PE	AQ: Aqua BK: Black BL: Blue GN: Green GR: Grey OR: Orange PK: Pink PL: Purple RD: Red VT: Violet WH: White YL: Yellow 12: 12 Colored

Examples

FC-1A3A-1195M-L-YL: SC to FC, APC polishing, simplex, 0.9mm, 5M, yellow LSZH jacket

FC-4U4U-2222M-P-AQ: LC to LC, UPC polishing, duplex, 2mm, OM3, 2M long, aqua PVC jacket

Fiber Optic Patch Panels

FPP01 - Economy Fixed Fiber Patch Panel

Description

Pactech's fiber optic patch panel provides branch connectors for fiber termination. It is an integrated unit for fiber management, but can also be used as a distribution box. In addition, it is fully modular, allowing for all kinds of adapters to be easily swappable.



Features

- Standard size of 19 inches (23-inch panel is available upon request)
- Standard size is 1U (2U or 4U are available upon request)
- Available in 12, 24, 48, 72, or 96 port configurations
- Compatible with SC, FC, ST, or LC adapters
- Available in duplex or simplex
- RoHS compliant
- Ships unloaded

Part Number	Description
FPP01-12-SC	SC Simplex, 12 ports 12 capacity, 480mm*250mm*1U, 2.6 kg
FPP01-24-SC	SC Simplex, 24 ports 24 capacity, 480mm*250mm*1U, 2.6 kg
FPP01-48-SC	SC Simplex, 48 ports 48 capacity, 480mm*250mm*1U, 3.8 kg
FPP01-12-SCD	SC Duplex, 12 ports 24 capacity, 480mm*250mm*1U, 2.6 kg

FPP02 - Premium Sliding Fiber Patch Panel

Description

Pactech's fiber optic patch panel provides branch connectors for fiber termination. It is an integrated unit for fiber management, but can also be used as a distribution box. In addition, it is fully modular, allowing for all kinds of adapters to be easily swappable.



Features

- Standard size is 19 inches (23-inch panel is available upon request)
- Standard size is 1U (2U or 4U are available upon request)
- Available in 12, 24, 48, 72, or 96 port configurations
- Compatible with SC, FC, ST, or LC adapters
- Available in duplex or simplex
- RoHS compliant
- Ships unloaded

Part Number	Description
FPP02-12-SC	SC Simplex, 12ports 12 capacity, 430mm*300mm*1U, 5.5 kg
FPP02-24-SC	SC Simplex, 24 ports 24 capacity, 430mm*300mm*1U, 5.5 kg
FPP02-48-SC	SC Simplex, 48 ports 48 capacity, 430mm*300mm*1U, 6.2 kg
FPP02-96-SC	SC Simplex, 48 ports 48 capacity, 430mm*300mm*1U, 8.2 kg
FPP02-24-SCD	SC Duplex, 24 ports 48 capacity, 430mm*300mm*1U, 5.5 kg

FPP06 - Series Sliding Fiber Patch Panel

Description

Pactech's fiber optic patch panel provides branch connectors for fiber termination. It is an integrated unit for fiber management, but can also be used as a distribution box. In addition, it is fully modular, allowing for all kinds of adapters to be easily swappable.



Features

- Standard size is 19 inches (23-inch panel is available upon request)
- Standard size is 1U (2U or 4U are available upon request)
- Available in 12, 24, 48, 72, or 96 port configurations
- Compatible with SC, FC, ST, or LC adapters
- Accepts loose tube, distribution, break-out and pre-terminated cables
- Holds up to 48 fibers in 1U
- Available in duplex or simplex
- RoHS compliant
- Ships unloaded

Part Number	Description
FPP06-12-SC	SC Simplex, 12 ports 12 capacity, 480mm*205mm*1U
FPP06-24-SC	SC Simplex, 24 ports 24 capacity, 480mm*205mm*1U
FPP06-12-SCD	SC Duplex, 12 ports 24 capacity, 480mm*205mm*1U
FPP06-24-SCD	SC Duplex, 24 ports 48 capacity, 480mm*205mm*1U

FPP12 - Premium 19" Rack Mount Fiber Patch Panels

Description

Pactech's fiber optic patch panel provides branch connectors for fiber termination. It is an integrated unit for fiber management, but can also be used as a distribution box. In addition, it is fully modular, allowing for all kinds of adapters to be easily swappable.



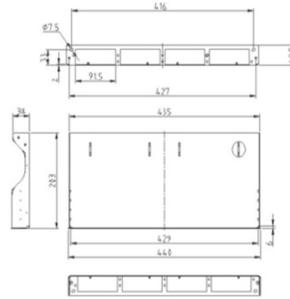
Features

- Standard size is 19 inches (23 inch panel is available upon request)
- Standard size is 1U (2U or 4U are available upon request)
- Available in 12, 24, 48, 72, or 96 port configuration
- Compatible with SC, FC, ST, or LC adapters
- Available in duplex or simplex
- Comprehensive accessory kit for cable management
- Extendable double side rails
- Sliding tray for front and rear access
- Trunk entry on either side of enclosure
- Available fully populated with adapters, pigtails, and slice trays or unloaded
- RoHS compliant



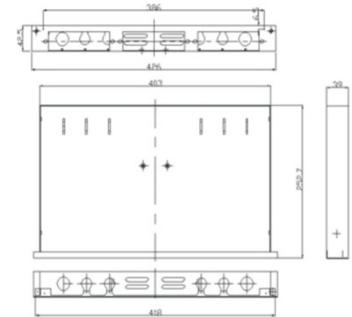
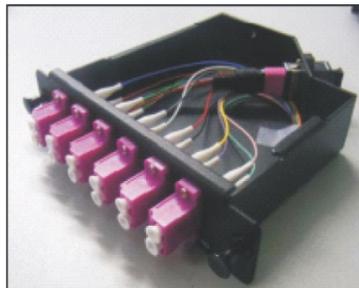
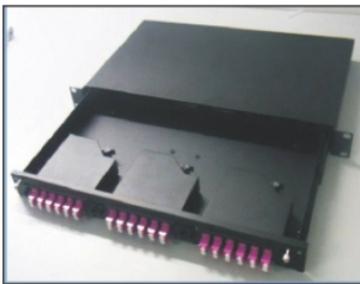
Part Number	Description
FPP12-1U-18SC	SC Simplex, 18 ports 18 capacity, 430mm*350mm*1U, 8.0kg
FPP12-2U-24SC	SC Simplex, 24 ports 24 capacity, 430mm*350mm*2U, 10.0kg
FPP12-4U-144SC	SC Simplex, 144 ports 144 capacity, 430mm*350mm*4U, 12.0kg

MPO/MTP Cassette - Rack Mounted Enclosure FPP13-1F-D1U



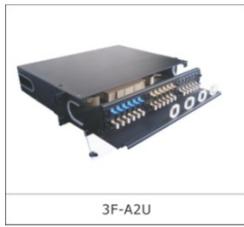
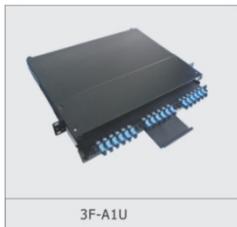
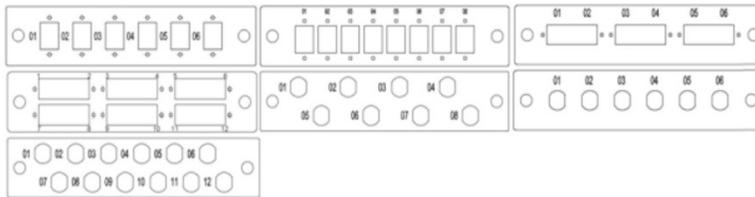
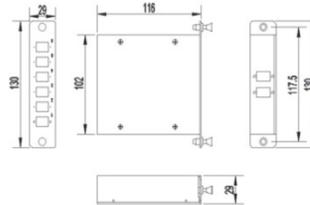
Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP13-1F-D1U-1	Fit for 24 SCD adapters	48	43 x 482 x 206
FPP13-1F-D1U-2	Fit for 24 LCQ adapters	96	43 x 482 x 206

MPO/MTP Cassette - Rack Mounted Enclosure FPP13-2F-D1U



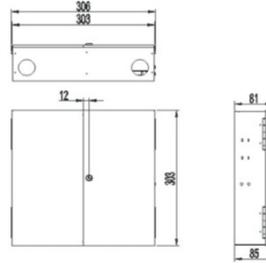
Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP13-2F-D1U-1	Fit for 18 SC/SCD adapters	18/36	44 x 483 x 253
FPP13-2F-D1U-2	Fit for 18 SCD/LCQ	36/76	44 x 483 x 253
FPP13-2F-D1U-3	Fit for 18 ST/FC adapters	18/18	44 x 483 x 253

MPO/MTP Cassette - Rack Mounted Enclosure FPP13-3F-MPMT



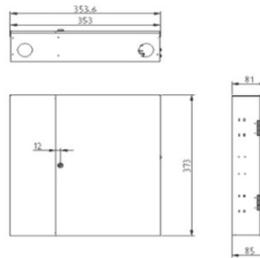
Part No.	Max Fiber Capacity
FPP13-3F-A1U	36/77
FPP13-3F-A2U	72/144
FPP13-3F-A3U	108/216
FPP13-3F-A4U	144/288
FPP13-3W-WB6	6/12
FPP13-3W-WB12A	12/24
FPP13-3W-WB12B	12/24
FPP13-3W-WB24	24/48

Patch Panel – Wall Mounted Enclosure FPP14-1W-D12



Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-1W-D12-1	Fit for 12 ST/FC adapters	12/12	306 x 303 x 81
FPP14-1W-D12-2	Fit for 12 SC/12 LCD adapters	12/24	306 x 303 x 81
FPP14-1W-D12-3	Fit for 12 SCD/12 LCQ adapters	24/48	306 x 303 x 81

Patch Panel – Wall Mounted Enclosure FPP14-1W-D24



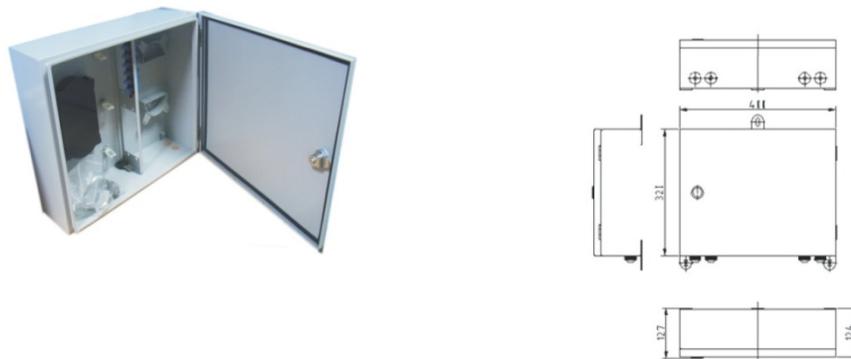
Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-1W-D24-1	Fit for 24 ST/FC adapters	24/24	353 x 371 x 81
FPP14-1W-D24-2	Fit for 24 SC/12 LCD adapters	24/48	353 x 371 x 81
FPP14-1W-D24-3	Fit for 24 SCD/12 LCQ adapters	48/96	353 x 371 x 81

Patch Panel – Wall Mounted Enclosure FPP14-1W-D48



Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-1W-D48-1	Fit for 48 ST/FC adapters	48/48	370 x 350 x 110
FPP14-1W-D48-2	Fit for 48 SC/12 LCD adapters	48/96	370 x 350 x 110
FPP14-1W-D48-3	Fit for 48 SCD/12 LCQ adapters	96/192	370 x 350 x 110
FPP14-1W-D48-4	Fit for 48 ST adapters	48	325 x 378 x 78

Patch Panel – Wall Mounted Enclosure FPP14-1W-G48B



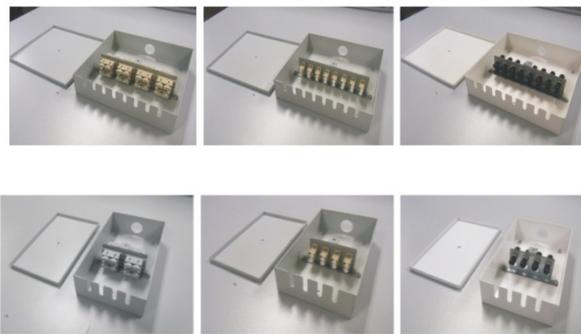
Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-1W-G48B-1	Fit for 24 ST/FC adapters	24/24	411 x 321 x 124
FPP14-1W-G48B-2	Fit for 24 SC/12 LCD adapters	24/48	411 x 321 x 124
FPP14-1W-G48B-3	Fit for 24 SCD/12 LCQ adapters	48/96	411 x 321 x 124

Fiber Optic Cassettes – Wall Mounted Enclosures



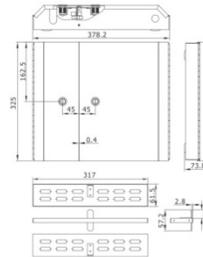
Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-1W-PBA4	4 ST/2 SCD adapters	24/24	110 x 110 x 40
FPP14-1W-PBA8	8 ST/4 SCD adapters	24/48	160 x 160 x 40
FPP14-1W-PBA16	16 ST/8 SCD adapters	48/96	160 x 160 x 80

Fiber Optic Cassettes – Wall Mounted Enclosures



Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-1W-AA8	8ST/4SCD/4LCD	8/16	160 x 100 x 40
FPP14-1W-AA16	16ST/8SCD/8LCD	16/32	160 x 160 x 40

Patch Panel – Wall Mounted Enclosure FPP14-1W-G48A



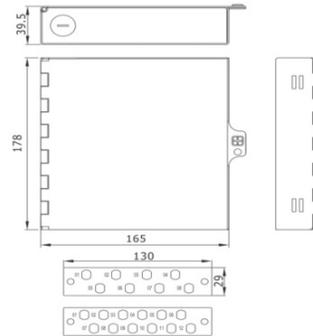
Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-1W-G48A-1	Fit for 12 SCD/LCQ adapters	24/48	325 x 378 x 78
FPP14-1W-G48A-2	Fit for 24 SCD/LCQ adapters	48/96	325 x 378 x 78
FPP14-1W-G48A-3	Fit for 24 ST/FC adapters	24/24	325 x 378 x 78
FPP14-1W-G48A-4	Fit for 48 ST/FC adapters	48/48	325 x 378 x 78

Patch Panel – Wall Mounted Enclosure



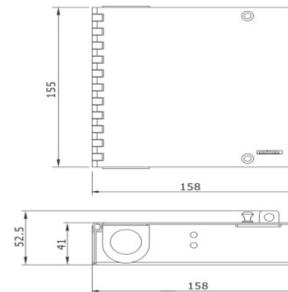
Part No.	Fitted Cable	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-2W-P12A	Ø 2mm	12	105 x 133 x 30
FPP14-2W-P24A	Ø 2mm	24	123 x 183 x 37

Patch Panel – Wall Mounted Enclosure FPP14-3W-WB6



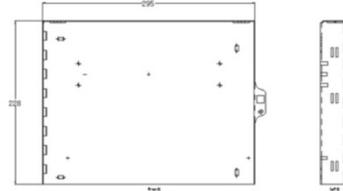
Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-3W-WB6-1	Fit for 6 ST/FC adapters	6/6	178 x 165 x 39.5
FPP14-3W-WB6-2	Fit for 12 ST/FC adapters	12/12	178 x 165 x 39.5
FPP14-3W-WB6-3	Fit for 6 SC/LCD adapters	6/12	178 x 165 x 39.5
FPP14-3W-WB6-4	Fit for 6 SCD adapters	12	178 x 165 x 39.5

Patch Panel – Wall Mounted Enclosure FPP14-3W-WB6S



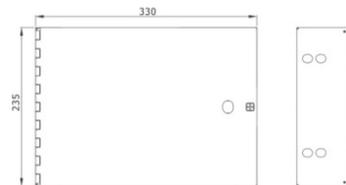
Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-3W-WB6S-1	Fit for 6 ST/FC adapters	6/6	155 x 158 x 52.5
FPP14-3W-WB6S-2	Fit for 6 SC/LCD adapters	6/12	155 x 158 x 52.5
FPP14-3W-WB6S-3	Fit for 6 SCD adapters	12	155 x 158 x 52.5

Patch Panel – Wall Mounted Enclosure FPP14-3W-WB12A



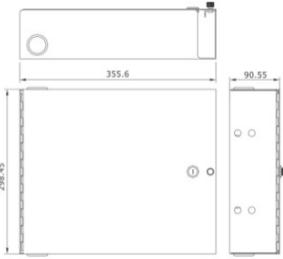
Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-3W-WB12A 1	Fit for 12 ST/FC adapters	12/12	228 x 295 x 40
FPP14-3W-WB12A 2	Fit for 12 SC/LCD adapters	12/24	228 x 295 x 40
FPP14-3W-WB12A 3	Fit for 12 SCD/LCQ adapters	24/48	228 x 295 x 40

Patch Panel – Wall Mounted Enclosure FPP14-3W-WB12B



Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-3W-WB12B 1	Fit for 12 ST/FC adapters	12/12	235 x 330 x 90
FPP14-3W-WB12B 2	Fit for 24 ST/FC adapters	24/24	235 x 330 x 90
FPP14-3W-WB12B 3	Fit for 12 SC/LCD adapters	12/24	235 x 330 x 90
FPP14-3W-WB12B 4	Fit for 12 SCD adapters	24	235 x 330 x 90

Patch Panel – Wall Mounted Enclosure FPP14-3W-WB24



Part No.	Type	Max Fiber Capacity	Dimensions (H x W x D)mm
FPP14-3W-WB24-1	Blank Panel		298 x 356 x 91
FPP14-3W-WB24-2	Fit for 24 ST/FC adapters	24	298 x 356 x 91
FPP14-3W-WB24-3	Fit for 24 SC/LCD adapters	48	298 x 356 x 91
FPP14-3W-WB24-4	Fit for 12 SCD/LCQ adapters	48	298 x 356 x 91

MPO Patch Cords

MPO Patch Cords

Description

These ribbon cables offer up to 12 times the density of data transmission when compared to a single fiber patch cord.

Features

- Push-on/pull-off latching connector
- Available in 4/8/12/24 fibers
- Bare fiber ribbon type, ruggedized type and fan-out cord available
- Precise housing dimensions and metal guide pins to assure fiber alignment at mating
- Compliant to IEC 61754-7, TIA FOCIS 5/604-5, Bell-core GR-143 requirements



Customized MPO/MTP Trunk Cable



MPO/MTP to MPO/MTP 12core 10G MM OM3



MPO/MTP to MPO/MTP 6Bundle 72core Trunk



HD MPO/MTP Turnk Cable



MPO/MTP to 6*LC Duplex Harness Cable Assemblies



MM Cables Assemblies



MPO/MTP to 6*LC Uniboot Harness Cable Assemblies



MPO/MTP Full Loaded Cassette



1U 96Ports Patch Panel with 4 MPO/MTP Cassettes

Specification		Single Mode	Multimode
Termination Type		MPO, MTP, LC, SC, FC, etc.	MPO, MTP, LC, SC, FC, etc.
Polishing		PC/APC	PC
Connector Brand		USCONEC, Nissin, etc.	USCONEC, Nissin, etc.
Fiber Type	Type 1	Corning, YOFC, OFS, etc.	Corning, YOFC, OFS, etc.
	Type 2	G652D, G657A, etc.	OM1, OM2, OM3, OM4, etc.
Cable Jacket		OFNR, OFNP, LSZH, etc.	OFNR, OFNP, LSZH, etc.
Fiber Count		8, 12, 20, 24, 48, 72, 144, etc.	8, 12, 20, 24, 48, 72, 144, etc.
Fiber Height		1000nm ≤ H ≤ 3500nm	1000nm ≤ H ≤ 3500nm
Insertion Loss	Elite Loss	≤ 0.35dB	≤ 0.35dB
	Standard	≤ 0.7dB	≤ 0.5dB
Return Loss		PC ≥ 50dB; APC ≥ 60dB	PC ≥ 20dB
Operating Temperature		-40°C to 75°C	-40°C to 75°C
3D Test		100%	100%
Adjacent Height Difference		≤ 300nm	≤ 300nm
Overall Height Difference		≤ 500nm	≤ 500nm
Geometric Performance	Roc X	≥ 500nm	≥ 500nm
	Roc Y	≥ 50nm	≥ 50nm
X/Y End-face Angle		+/- 0.2°	+/- 0.2°
Standard		TIA/EIA, IEC	TIA/EIA, IEC

Order Information for MPO Fan-Out Patch Cords

Cable Type	Connector 1	Polishing	Branch Connector	Polishing	Cable Size
RC: Ribbon Cable	1: SC	P: PC	1: SC	P: PC	66: 3.8x66
BR: Bare Ribbon	2: ST	U: UPC	2: ST	U: UPC	00: 0.25x3
DC: Distribution Cable	3: FC	A: APC	3: FC	A: APC	
	4: LC		4: LC		
	C: MU		C: MU		

Mode Type	Total Length	Branch O.D	Branch Length	Branch No.
6: 62.5/125	1: 1M	30: 3.0mm	1: 1M	2: 2 Cores
5: 50/125	2: 2M	20: 2.0mm	2: 2M	4: 4 Cores
9: 9/125	...	09: 0.9mm	...	6: 6 Cores
2: 50/125 OM3				12: 12Cores

Multi-Fiber Cable Assemblies

Multi-Fiber Cable Assemblies

Description

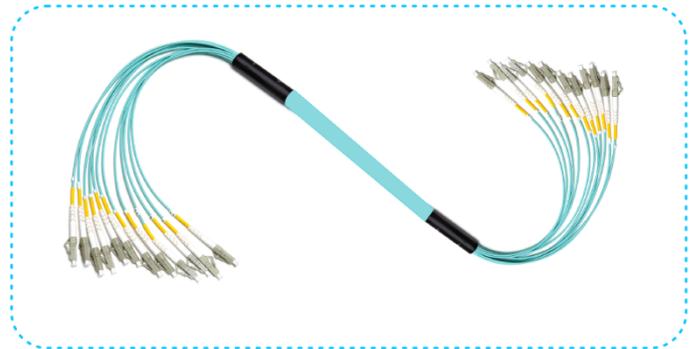
Pactech Fiber optic Cable containing several fibers, each with its own jacket and all of them surrounded by one common jacket. Breakout cables are designed for convenient installation of Fiber Optic Connectors but tend to have high Transmission losses due to bends in the fibers.



Features

- Support up to 1Gbps Ethernet connectivity
- Low insertion Loss
- High Return Loss
- Breakout will be 0.9mm or 2.0mm for optional
- 2, 4, 6, 8, 12, 24 fiber in SM or MM are available with all connector types

* Note: Single-mode cable: yellow; Multimode cable: Orange; options available for other colors. LSZH or flame-retardant materials upon request.



Order Information

Cable Type	Conn-ector 1	Polishing	Branch Connector	Polishing	Cable Size	Mode Type	Total Length	Branch O.D	Branch Length	Branch No.
RC: Ribbon Cable	1: SC	P: PC	1: SC	P: PC	66: 3.8x66	6: 62.5/125	1: 1M	30: 3.0mm	1: 1M	2: 2 Cores
BR: Bare Ribbon	2: ST	U: UPC	2: ST	U: UPC	00: 0.25x3	5: 50/125	2: 2M	20: 2.0mm	2: 2M	4: 4 Cores
DC: Distribution Cable	3: FC	A: APC	3: FC	A: APC		9: 9/125	...	09: 0.9mm	...	6: 6 Cores
	4: LC		4: LC			2: 50/125 OM3				
	C: MU		C: MU							

Fiber Optic Pigtails

0.9mm Pigtails

Description

All fiber pigtails come with premium grade connectors and with a typical outside fiber diameter of 0.9mm (900 micron). Simplex and duplex fiber pigtails are available in different cable colors, cable diameters, and jacket types.

Features

- Compliant to IEC, TIA/EIA, NTT, and JIS Specifications
- Enhanced strain relief
- All cables are OFNR riser rated
- Available in OS1 (9/125um), OM1 (62.5/125um), OM2 (50/125um), and OM3 (50/125um)

0.9MM PIGTAILS



Part Number	Description
FP-2P-21191M-P-WH-T	Pigtail ST/PC SM 9/125um, Simplex 0.9mm
FP-2P-21161M-P-WH-T	Pigtail ST/PC MM 62.5/125um, Simplex 0.9mm
FP-1P-21191M-P-WH-T	Pigtail SC/PC SM 9/125um, Simplex 0.9mm
FP-1P-21161M-P-WH-T	Pigtail SC/PC MM 62.5/125um, Simplex 0.9mm
FP-1A-21191M-P-WH-T	Pigtail SC/APC SM 9/125um, Simplex 0.9mm
FP-3P-21191M-P-WH-T	Pigtail FC/PC SM 9/125um, Simplex 0.9mm
FP-3A-21191M-P-WH-T	Pigtail FC/APC SM 9/125um, Simplex 0.9mm
FP-4P-21191M-P-WH-T	Pigtail LC/PC SM 9/125um, Simplex 0.9mm
FP-4P-21161M-P-WH-T	Pigtail LC/PC MM 62.5/125um, Simplex 0.9mm
FP-4A-21191M-P-WH-T	Pigtail LC/APC SM 9/125um, Simplex 0.9mm
FP-9P-21161M-P-WH-T	Pigtail E2000/PC MM 62.5/125 Simplex 0.9mm
FP-9A-21191M-P-WH-T	Pigtail E2000/APC SM 9/125 Simplex 0.9mm

* Available colors (X): black, blue, green, orange, purple, red, white, yellow

Colored SC Set Pigtails

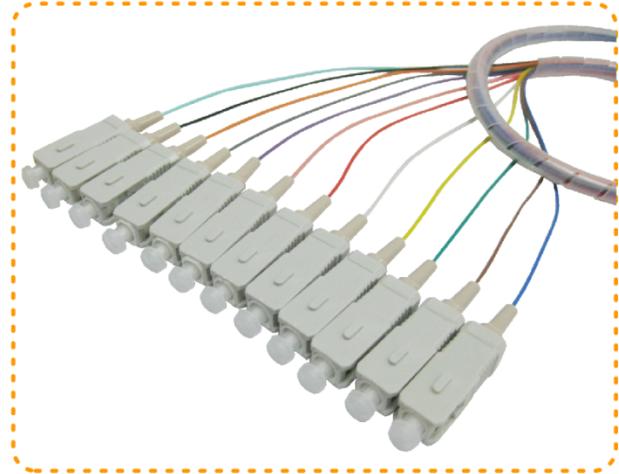
Description

All fiber pigtails come with premium grade connectors and with a typical outside fiber diameter of 0.9mm (900 micron). Simplex and duplex fiber pigtails are available in different cable colors, cable diameters, and jacket types.

Features

- Compliant to IEC, TIA/EIA, NTT, and JIS Specifications
- Enhanced strain relief
- All cables are OFNR riser rated
- Available in OS1 (9/125um), OM1 (62.5/125um), OM2 (50/125um), and OM3 (50/125um)

SC set colored pigtails



Part Number	Description
FP-1P-26161M-P-RB-T	Pigtail SC 12 Fibers 62.5/125um, OM1 0.9mm
FP-1P-26151M-P-RB-T	Pigtail SC 12 Fibers 50/125um, OM2 0.9mm
FP-1P-26121M-P-RB-T	Pigtail SC 12 Fibers 50/125um, OM3 0.9mm
FP-1P-26191M-P-RB-T	Pigtail SC 12 Fibers 9/125um, OS1 0.9mm

* Available colors (X): black, blue, green, orange, purple, red, white, yellow

Colored LC Set Pigtails

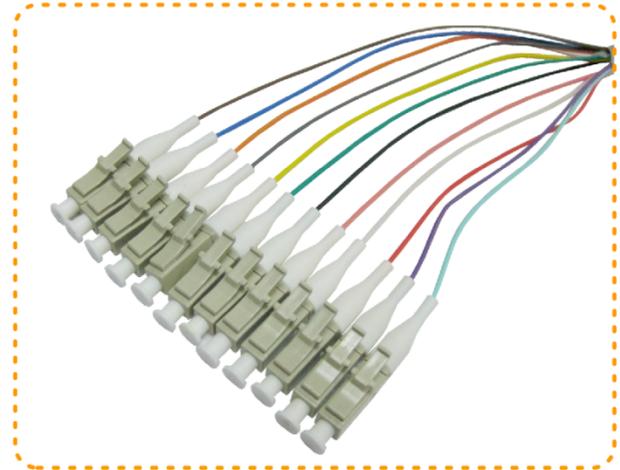
Description

All fiber pigtails come with premium grade connectors and with a typical outside fiber diameter of 0.9mm (900 micron). Simplex and duplex fiber pigtails are available in different cable colors, cable diameters, and jacket types.

Features

- Compliant to IEC, TIA/EIA, NTT, and JIS Specifications
- Enhanced strain relief
- All cables are OFNR riser rated
- Available in OS1 (9/125um), OM1 (62.5/125um), OM2 (50/125um), and OM3 (50/125um)

LC set colored pigtail



Part Number	Description
FP-4P-26161M-P-RB-T	Pigtail LC 12 Fibers 62.5/125um, OM1 0.9mm
FP-4P-26151M-P-RB-T	Pigtail LC 12 Fibers 50/125um, OM2 0.9mm
FP-4P-26121M-P-RB-T	Pigtail LC 12 Fibers 50/125um, OM3 0.9mm
FP-4P-26191M-P-RB-T	Pigtail LC 12 Fibers 9/125um, OS1 0.9mm

* Available colors (X): black, blue, green, orange, purple, red, white, yellow

Colored ST Set Pigtails

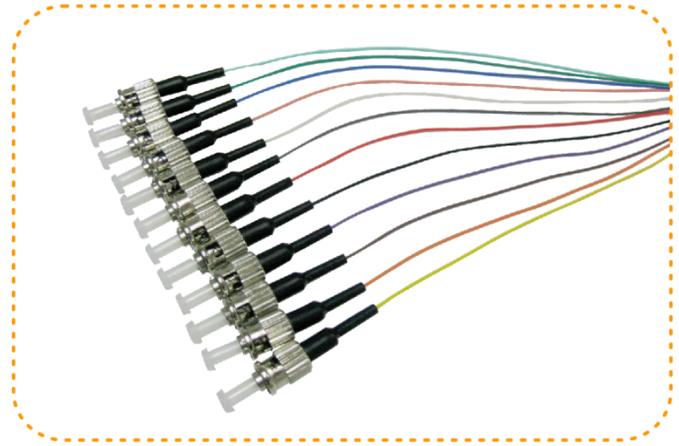
Description

All fiber pigtails come with premium grade connectors and with a typical outside fiber diameter of 0.9mm (900 micron). Simplex and duplex fiber pigtails are available in different cable colors, cable diameters, and jacket types.

Features

- Compliant to IEC, TIA/EIA, NTT, and JIS Specifications
- Enhanced strain relief
- All cables are OFNR riser rated
- Available in OS1 (9/125um), OM1 (62.5/125um), OM2 (50/125um), and OM3 (50/125um)

ST set colored pigtail



Part Number	Description
FP-2P-26161M-P-RB-T	Pigtail ST 12 Fibers 62.5/125um, OM1 0.9mm
FP-2P-26151M-P-RB-T	Pigtail ST 12 Fibers 50/125um, OM2 0.9mm
FP-2P-26121M-P-RB-T	Pigtail ST 12 Fibers 50/125um, OM3 0.9mm
FP-2P-26191M-P-RB-T	Pigtail ST 12 Fibers 9/125um, OS1 0.9mm

* Available colors (X): black, blue, green, orange, purple, red, white, yellow

Ribbon & Bundled Pigtails

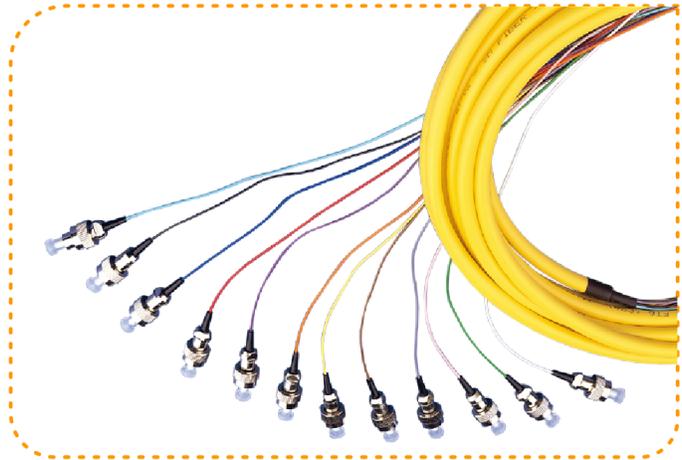
Description

All fiber pigtails come with premium grade connectors and with a typical outside fiber diameter of 0.9mm (900 micron). Simplex and duplex fiber pigtails are available in different cable colors, cable diameters, and jacket types.

Features

- Compliant to IEC, TIA/EIA, NTT, and JIS Specifications
- Enhanced strain relief
- All cables are OFNR riser rated
- Available in OS1 (9/125um), OM1 (62.5/125um), OM2 (50/125um), and OM3 (50/125um)

Ribbon & Bundle Pigtail



Part Number	Description
FP-3U-16191M-P-RB-T	Bundle pigtail 12 Fibers FC/UPC SM 0.9mm with protective tube
FP-3P-16291M-P-RB-T	Bundle pigtail 12 Fibers FC/PC SM with 2.0mm PVC sheath

* Available colors (X): black, blue, green, orange, purple, red, white, yellow

Waterproof Pigtails

Description

All fiber pigtails come with premium grade connectors and with a typical outside fiber diameter of 0.9mm (900 micron). Simplex and duplex fiber pigtails are available in different cable colors, cable diameters, and jacket types.

Features

- Compliant to IEC, TIA/EIA, NTT, and JIS Specifications
- Enhanced strain relief
- All cables are OFNR riser rated
- Available in OS1 (9/125um), OM1 (62.5/125um), OM2 (50/125um), and OM3 (50/125um)

Waterproof Pigtail



Part Number	Description
FP-3A-32291M-P-BK-T	Waterproof pigtail SM FC/APC 2 Fibers
FP-3A-33291M-P-BK-T	Waterproof pigtail SM FC/APC 4 Fibers

* Available colors (X): black, blue, green, orange, purple, red, white, yellow

Fiber Optic Loop-back Cables

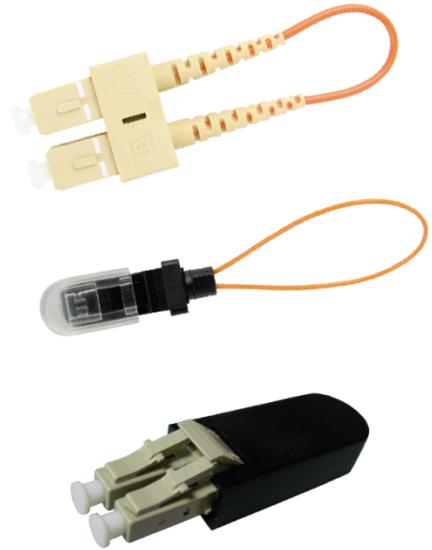
Fiber Optic Loop-back Cables

Description

These fiber optic loop-back cables offer an inexpensive solution to send signals from the transmit end to the receiving end of the sample on a device for testing purposes

Features

- Available in SC, LC, and MTRJ connector types; simplex and duplex
- Available in OM1 (62.5/125um), OM2 (50/125um), OM3 (50/125um), and OS1 (9/125um)



Part Number	Description
FC-LPSC-MM50	Loop-back cable Multimode 50/125um, duplex SC
FC-LPLC-MM50	Loop-back cable Multimode 50/125um, duplex LC
FC-LPMTRJ-MM50	Loop-back cable Multimode 50/125um, MTRJ
FC-LPSC-MM62.5	Loop-back cable Multimode 62.5/125um, duplex SC
FC-LPLC-MM62.5	Loop-back cable Multimode 62.5/125um, duplex LC
FC-LPMTRJ-MM62.5	Loop-back cable Multimode 62.5/125um, MTRJ
FC-LPSC-SM9	Loop-back cable Single Mode 9/125um, duplex SC
FC-LPLC-SM9	Loop-back cable Single Mode 9/125um, duplex LC
FC-LPMTRJ-SM9	Loop-back cable Single Mode 9/125um, MTRJ
FC-LPSC-MM50-10G	Loop-back cable Multimode 50/125um 10Gigabit, duplex SC
FC-LPLC-MM50-10G	Loop-back cable Multimode 50/125um 10Gigabit, duplex LC
FC-LPMTRJ-MM50-10G	Loop-back cable Multimode 50/125um 10Gigabit, MTRJ

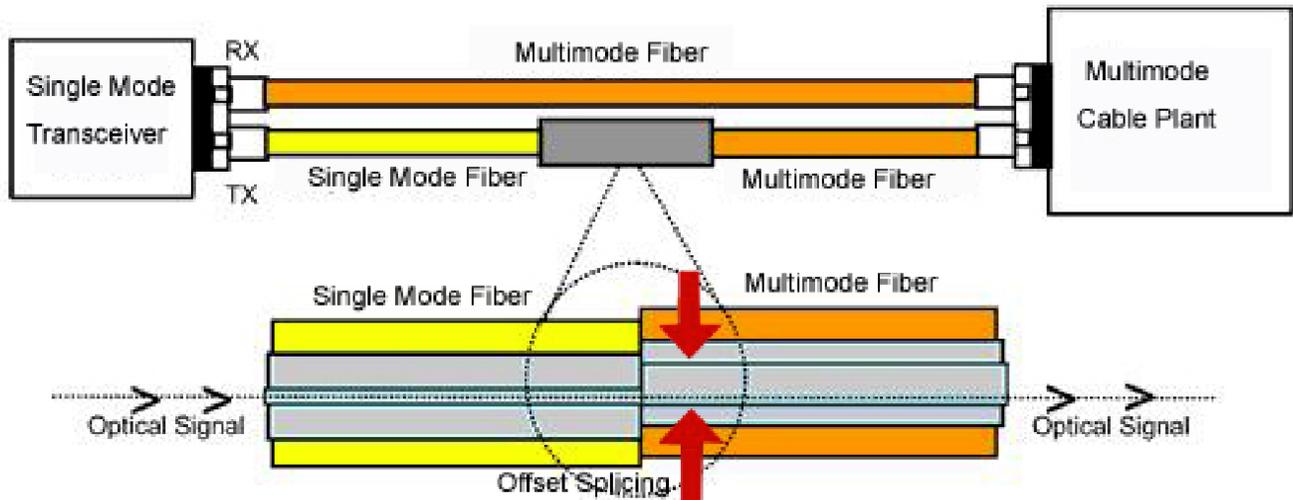
* Available colors (X): black, blue, green, orange, purple, red, white, yellow

Mode Conditioning Fiber Optic Patch Cords

Mode Conditioning Fiber Optic Patch Cords

Description

Mode Conditioning Patch Cords are duplex multimode cords that have a small length of Single Mode fiber at the start of the transmission leg. They convert a single mode fiber cable to a multimode fiber cable by offsetting the single mode laser launch from the center of a multimode fiber strand. They are assembled with connectors using 62.5/125um or 50/125um fiber.



Features

- Eliminates issues related to Differential Mode Delay (DMD)
- Compliant with IEEE 802.3z
- Rugged Offset Closure with Consistent Offset
- Low insertion Loss (<0.4dB)
- Available with 50um and 62.5um multimode cables

Applications

- Long Haul to Short Haul LX Gigabit System
- Recommended for multimode cable runs greater than 50 feet
- Gigabit Ethernet 1000Base-LX (1300nm long wavelength)



Description	62.5um MMF	50um MMF
Operating wavelength:	1310nm	
Maximum insertion loss:	0.5dB	
Coupled power ratio(CPR)	28 to 40dB	12 to 20dB
Back reflection:	S/M channel: 30dB	
	M/M channel: 20dB	
Connector finish:	PC or APC	
Ferrule geometry:	Radius of curvature:	
	10 to 25mm	
Fiber height:	-50 to 50nm	
Sheath color:	Orange(Yellow for SM leg)	

Part Number	Description
FC-MSTSC5-2	2M 2xST 50/125um to 1xSC 50/125um & 1xSC 9/125um
FC-MSTSC6-2	2M 2xST 62.5/125um to 1xSC 62.5/125um & 1xSC 9/125um
FC-MSCSC5-2	2M 2xSC 50/125um to 1xSC 50/125um & 1xSC 9/125um
FC-MSCSC6-2	2M 2xSC 62.5/125um to 1xSC 62.5/125um & 1xSC 9/125um
FC-MSCLC5-2	2M 2xSC 50/125um to 1xLC 50/125um & 1xLC 9/125um
FC-MSCLC6-2	2M 2xSC 62.5/125um to 1xLC 62.5/125um & 1xLC 9/125um
FC-MSTLC5-2	2M 2xST 50/125um to 1xLC 50/125um & 1xLC 9/125um
FC-MSTLC6-2	2M 2xST 62.5/125um to 1xLC 62.5/125um & 1xLC 9/125um

* Available colors (X): black, blue, green, orange, purple, red, white, yellow

Indoor Optical Fiber Cables

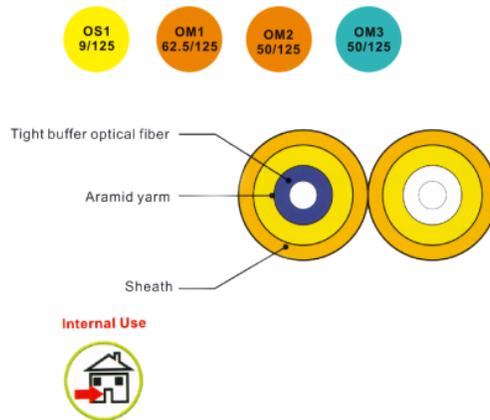
Duplex Zip-Cord Optical Fiber Cables (GJFJV)

Description

Pactech's Indoor Optical Fiber Cables are compliant with TIA/EIA ITU-T specifications: ITU-T G652D for single mode fibers and ITU-T G651 for multimode fibers. The fibers are made of yellow for single mode and orange for multimode; other colors are manufactured upon request. All the cables are UL OFNP or OFNR rated. Available sheath materials include PVC, LSZH, and Plenum. Loose tube cables and tight buffered cables are available to choose from.

Features

- High strength Kevlar yarn member
- High quality tight buffered or loose tube
- Soft and easy to strip
- Round construction



Application

- Designed for indoor use
- Can be used as pigtails for terminating signals to communication equipment
- Easy to install and maintain

Part Number: FI-GJFJV-D2-XX-Y-ZZ

C = Number of Cores

XX = Core Types (09:OS1, 06:OM1, 52:OM2, 53:OM3)

Y = Sheath Type (P: PVC, L: LSZH)

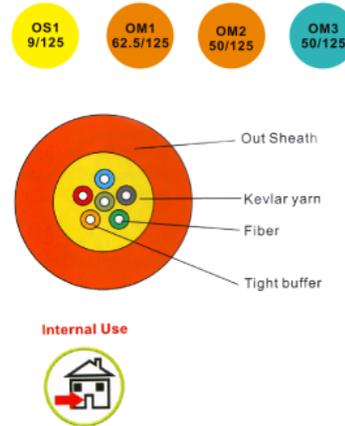
ZZ = Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100mm ²)
			Short Term	Long Term	Install	Static	
2	1.6*3.3	5.7	300	160	20D	10D	1000
	1.8*3.7	6.7					
	2.0*4.1	8.2					
	2.8*5.7	13.2					

Distribution Tight Buffered Optical Fiber Cables

Features

- High strength Kevlar yarn member
- High quality tight buffered or loose tube
- Soft and easy to strip
- Round construction



Application

- Designed for indoor use
- Can be used as pigtails for terminating signals to communication equipment
- Easy to install and maintain

Part Number: FI-GJFJV-DC-XX-Y-ZZ

C = Number of Cores

XX = Core Types (09:OS1, 06:OM1, 52:OM2, 53:OM3)

Y = Sheath Type (P: PVC, L: LSZH)

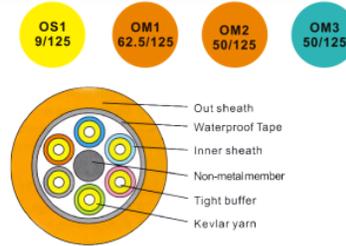
ZZ = Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100nm ²)
			Short Term	Long Term	Install	Static	
4	4.0	22	600	200	20D	10D	1000
6	4.0	23					
8	5.0	27					
12	6.0	35					
24	8.3	46					

Breakout Tight Buffered Optical Fiber Cables

Features

- High strength Kevlar yarn member
- High quality tight buffered or loose tube
- Soft and easy to strip
- Round construction



Application

- Designed for indoor use
- Can be used as pigtails for terminating signals to communication equipment
- Easy to install and maintain

Internal Use



Part Number: FI-GJFJV-BC-XX-Y-ZZ

C = Number of Cores

XX = Core Types (09:OS1, 06:OM1, 52:OM2, 53:OM3)

Y = Sheath Type (P: PVC, L: LSZH)

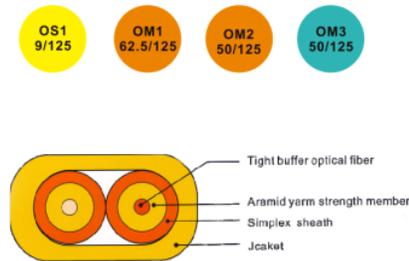
ZZ = Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100nm ²)
			Short Term	Long Term	Install	Static	
4	7.0	47	1500	500	20D	10D	1000
6	8.3	64					
8	9.5	88					
12	11.2	105					
24	12.2	142					

Flat Twin Duplex Optical Fiber Cables

Features

- The design allows each unit to be laid in different positions
- High strength, good bending performance, no filling compound
- Easy to install and connect
- Available in single mode and multimode



Application

- Can be used as a pigtail of communication equipment and cable for patch cords and connectors
- Indoor level laying
- Vertical laying inside buildings
- Direct connecting outdoor cable to desk

Internal Use



Part Number: FI-GJFJV-T2-XX-Y-ZZ

C = Number of Cores

XX = Core Types (09:OS1, 06:OM1, 52:OM2, 53:OM3)

Y = Sheath Type (P: PVC, L: LSZH)

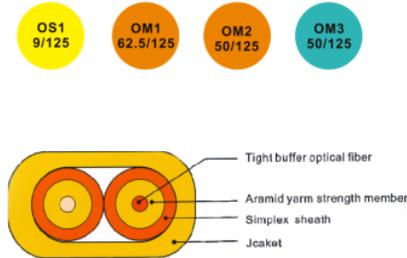
ZZ = Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100nm ²)
			Short Term	Long Term	Install	Static	
2	4.0*7.0	31	300	160	20D	10D	1000
	3.1*5.2	18					

Flat Twin Duplex Optical Fiber Cables

Features

- The design allows each unit to be laid in different positions
- High strength, good bending performance, no filling compound
- Easy to install and connect
- Available in single mode and multimode



Application

- Can be used as pigtail of communication equipment and cable for patch cords and connectors
- Indoor level laying
- Vertical laying inside buildings
- Direct connecting outdoor cable to desk

Internal Use



Part Number: FI-GJFJV-T2-XX-Y-ZZ

C = Number of Cores

XX = Core Types (09:OS1, 06:OM1, 52:OM2, 53:OM3)

Y = Sheath Type (P: PVC, L: LSZH)

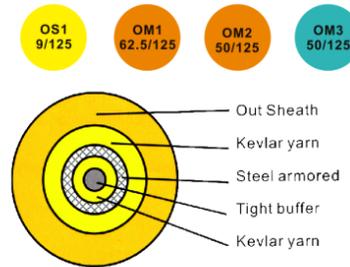
ZZ = Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100mm ²)
			Short Term	Long Term	Install	Static	
2	4.0*7.0	31	300	160	20D	10D	1000
	3.1*5.2	18					

Armored Simplex Optical Fiber Cables

Features

- 0.6mm tight buffered fiber
- Steel armored flexible tube to increase cable's twist resistance
- Small cable volume, light weight
- High strength Kevlar yarn member



Application

- Designed for indoor use
- Can be used as pigtails for terminating signals to communication equipment
- Easy to install and maintain

Internal Use



Part Number: FI-GJFJV-A1-XX-Y-ZZ

C = Number of Cores

XX = Core Types (09:OS1, 06:OM1, 52:OM2, 53:OM3)

Y = Sheath Type (P: PVC, L: LSZH)

ZZ = Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100nm ²)
			Short Term	Long Term	Install	Static	
1	2.0*4.2	31	1000	300	20D	10D	1000
	2.4*5.0	32					
	2.8*5.8	35					
	3.0*6.2	36					

Outdoor Optical Fiber Cables

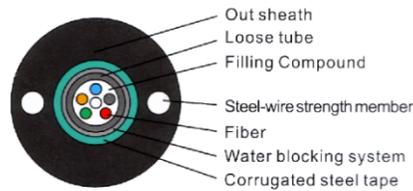
Central Loose Tube Outdoor Cables (GYXTW)

Description

Pactech Single Loose Tube Steel Tape Armored cables consist of 250um fibers held in a gel-filled central loose tube surrounded by water-blocking tape and encased in corrugated, polyethylene laminated steel tape. The cable features two parallel steel wire strength members encased in the PE outer jacket.

Features

- Color-coded fibers
- High water resistance
- High crush resistance
- PE sheath



Application

- Duct installation
- Aerial application
- Direct burial

Part Number: FO-GYXTW-C-XX-Y-ZZ

C: Number of Cores

Y: Sheath Type (P: PVC, L: LSZH)

XX: Core Type (09: OS1, 06: OM1, 52: OM2, 53: OM3)

ZZ: Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100nm ²)
			Short Term	Long Term	Install	Static	
4	9.8	82	1500	600	20D	10D	1000
8	9.8	82					
12	9.8	82					
16	9.8	82					
24	10.2	90					

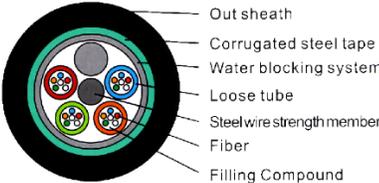
Steel Tape Layer Loose Tube Outdoor Cables (GYTS)

Description

Pactech Multi Loose Tube steel tape external cables consist of 250um fibers held in oil filled PBT loose tubes wrapped around a phosphatized steel wire central strength member. It is surrounded by water blocking jelly, a corrugated steel tape laminated on both sides with polyethylene and is bounded tightly to the polyethylene sheath.

Features

- Color-coded fibers
- High water resistance
- High crush resistance
- PE sheath



Application

- Duct installation
- Aerial application
- Direct burial

Part Number: FO-GYTS-C-XX-Y-ZZ

C: Number of Cores
 Y: Sheath Type (P: PVC, L: LSZH)

XX: Core Type (09: OS1, 06: OM1, 52: OM2, 53: OM3)
 ZZ: Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100nm ²)
			Short Term	Long Term	Install	Static	
4	10.1	105	1500	600	20D	10D	1000
8	10.1	105					
12	10.1	105					
16	10.1	105					
24	10.6	115					

Aluminum Longitudinal Layer Stranded Optical Cables (GYTA)

Description

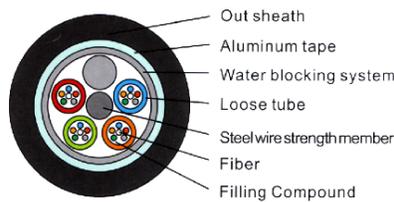
Pactech Multi Loose Tube aluminium tape external cables consist of 250um fibers held in oil filled PBT loose tubes wrapped around a phosphatized steel wire central strength member. This is surrounded by water blocking jelly, along with an aluminium tape laminated on both sides with polyethylene and is bounded tightly to the polyethylene sheath.

Features

- Color-coded fibers
- High water resistance
- High crush resistance
- PE sheath

Application

- Duct installation
- Aerial application
- Direct burial



Part Number: FO-GYTA-C-XX-Y-ZZ

C: Number of Cores

XX: Core Type (09: OS1, 06: OM1, 52: OM2, 53: OM3)

Y: Sheath Type (P: PVC, L: LSZH)

ZZ: Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100nm ²)
			Short Term	Long Term	Install	Static	
4	9.8	82	1500	600	20D	10D	1000
8	9.8	82					
12	9.8	82					
16	9.8	82					
24	10.2	90					

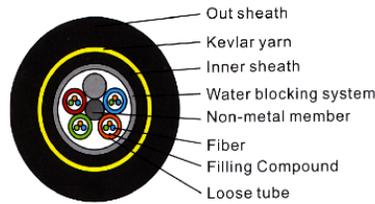
Non-metal Central Loose Tube Outdoor Optical Cables (ADSS)

Features

- Delicate control process to ensure good tensile strength and environmental performance
- Can be constructed without switching off the power

Application

- Ideal for deploying in places with high electromagnetic interference
- Aerial application
- Long distance and local area network communication



Part Number: FO-ADSS-C-XX-Y-ZZ

C: Number of Cores

Y: Sheath Type (P: PVC, L: LSZH)

XX: Core Type (09: OS1, 06: OM1, 52: OM2, 53: OM3)

ZZ: Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100nm ²)
			Short Term	Long Term	Install	Static	
4	11.6	124.2	1500	600	20D	10D	1000
8	12.3	136.3					
12	12.8	146.5					
16	13.8	165.9					
24	14.8	185.8					

Figure 8 Self-Supporting Optical Cables

Features

- Self-supporting stainless steel or galvanized steel
- Excellent mechanical and environmental performance

Application

- Designed for outdoor distribution
- Aerial application
- Direct burial
- Long distance and local area network communication



Part Number: FO-GYTC8S-C-XX-Y-ZZ

C: Number of Cores

Y: Sheath Type (P: PVC, L: LSZH)

XX: Core Type (09: OS1, 06: OM1, 52: OM2, 53: OM3)

ZZ: Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100nm ²)
			Short Term	Long Term	Install	Static	
4	9.8*18.8	190	7000	3500	20D	10D	2000
8	9.8*18.8	190					
12	9.8*18.8	190					
16	9.8*18.8	190					
24	10.2*18.8	190					

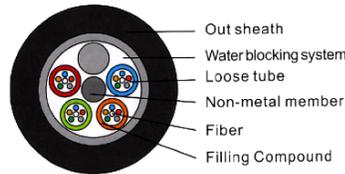
Dielectric Loose Tube Cables (GYFTY)

Features

- Color-coded fibers
- High water resistance
- High crush resistance
- PE sheath

Application

- Aerial application
- Direct burial
- Duct installation



Part Number: FO-GYFTY-C-XX-Y-ZZ

C: Number of Cores

Y: Sheath Type (P: PVC, L: LSZH)

XX: Core Type (09: OS1, 06: OM1, 52: OM2, 53: OM3)

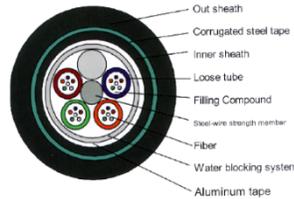
ZZ: Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100nm ²)
			Short Term	Long Term	Install	Static	
4	10.5	105	1500	600	20D	10D	1000
8	10.5	105					
12	10.5	105					
16	10.5	105					
24	10.5	105					

Double Armored and Double Sheathed Outdoor Cables (GYTA53)

Features

- Self-supporting stainless steel or galvanized steel
- Excellent mechanical and environmental performance



Application

- Designed for outdoor distribution
- Aerial application
- Direct burial
- Long distance and local area network communication

Part Number: FO-GYTA53-C-XX-Y-ZZ

C: Number of Cores

Y: Sheath Type (P: PVC, L: LSZH)

XX: Core Type (09: OS1, 06: OM1, 52: OM2, 53: OM3)

ZZ: Outer Diameter (Predefined)

Fiber Cores	Outer Diameter (mm)	Nominal Weight (kg/km)	Max. Tension (N)		Min. Bending Radius		Max. Crush Resistance (N/100nm ²)
			Short Term	Long Term	Install	Static	
4	9.8	82	1500	600	20D	10D	1000
8	9.8	82					
12	9.8	82					
16	9.8	82					
24	10.2	82					

Fiber Optic Adapters

ST Simplex Fiber Optic Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance levels



Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-ST5	ST adapter, SM, Simplex, zirconia sleeve, metal
FA-STM	ST adapter, MM, Simplex, P.B sleeve, metal
FA-ST5-P	ST adapter, SM, Simplex, zirconia sleeve, plastic
FA-STM-P	ST adapter, MM, Simplex, P.B sleeve, plastic

ST Duplex Fiber Optic Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

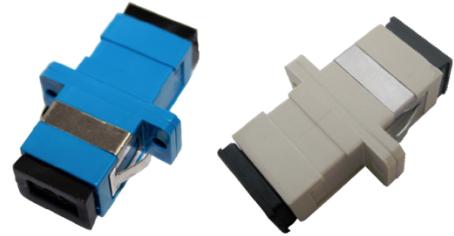
- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-STSD	ST adapter, SM, Duplex, zirconia sleeve, metal
FA-STMD	ST adapter, MM, Duplex, P.B sleeve, metal
FA-STSD-P	ST adapter, SM, Duplex, zirconia sleeve, plastic
FA-STMD-P	ST adapter, MM, Duplex, P.B sleeve, plastic

SC Simplex Fiber Optic Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-SCS	SC adapter, SM, Simplex, zirconia sleeve, plastic
FA-SCA	SC/APC adapter, SM, Simplex, zirconia sleeve, plastic
FA-SCS-FL	SC adapter SM flangeless, Simplex, zirconia sleeve, plastic
FA-SCM	SC adapter MM, Simplex, P.B sleeve, plastic

SC Duplex Fiber Optic Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-SCSD	SC adapter, SM, Duplex, zirconia sleeve, plastic
FA-SCAD	SC/APC adapter, SM, Duplex, zirconia sleeve, plastic
FA-SCSD-FL	SC adapter SM flangeless, Duplex, zirconia sleeve, plastic
FA-SCMD	SC adapter MM, Duplex, P.B sleeve, plastic

SC OM3 10G Fiber Optic Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-SCM-M3	SC adapter OM3, MM, Simplex, P.B sleeve, plastic
FA-SCMD-M3	SC adapter OM3, MM, Duplex, P.B sleeve, plastic

SC Simplex Fiber Optic Adapters with Shutter

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-SCS-SR	SC shuttered adapter, Simplex, zirconia sleeve, plastic, blue
FA-SCS-SR-FL	SC shuttered adapter, Simplex, flangeless, plastic, blue
FA-SCA-SR	SC/APC shuttered adapter, Simplex, flangeless, plastic, green
FA-SCA-SR-FL	SC/APC shuttered adapter, Simplex, plastic, green

SC Metal Fiber Optic Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-SCSM	SC adapter, SM, Duplex, zirconia sleeve, metal
FA-SCMM	SC adapter, MM, Duplex, P.B sleeve, metal
FA-SCSMD	SC adapter, SM, Duplex, zirconia sleeve, metal
FA-SCMMD	SC adapter, MM, Duplex, P.B sleeve, metal

FC Metal Fiber Optic Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-FCS	FC square adapter, SM, Simplex, zirconia sleeve, metal, one body
FA-FCS-SW	FC square adapter, SM, Simplex, zirconia sleeve, metal with screw
FA-FCS-SD	FC square adapter, small D style, SM zirconia sleeve, metal
FA-FCS-BD	FC square adapter, big D style, SM zirconia sleeve, metal

FC Plastic Fiber Optic Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-FCS-P	FC square adapter, SM, Simplex, zirconia sleeve, plastic, blue
FA-FCSD-P	FC square adapter, SM, Duplex, zirconia sleeve, plastic, blue
FA-FCA-P	FC/APC adapter, SM, Simplex, zirconia sleeve, plastic, green
FA-FCAD-P	FC/APC adapter, SM, Duplex, zirconia sleeve, plastic, green

LC Simplex Fiber Optic Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

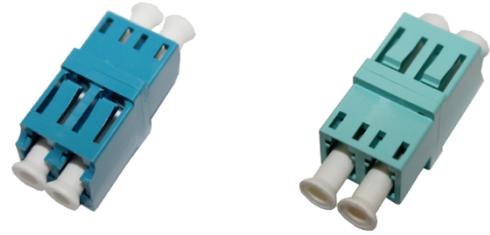
- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-LCS	LC adapter, SM, Simplex, zirconia sleeve
FA-LCM	LC adapter, MM, Simplex, P.B sleeve
FA-LCA	LC/APC adapter, Simplex, zirconia sleeve

LC Duplex Fiber Optic Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

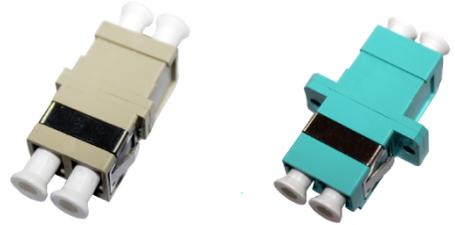
- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-LCSD	LC adapter, SM, Duplex, zirconia sleeve
FA-LCMD	LC adapter, MM, Duplex, P.B sleeve
FA-LCAD	LC/APC adapter, SM, Duplex, zirconia sleeve
FA-LC3D	LC adapter, OM3, Duplex, P.B sleeve, aqua

LC with SC Footprint Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

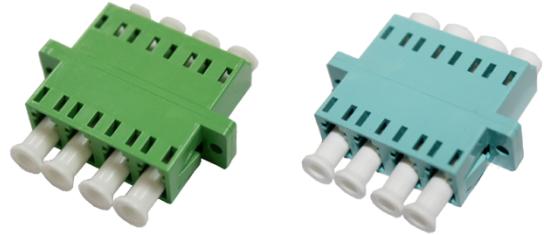
- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-LCSCD	LC adapter SM, Duplex, zirconia sleeve, with SC footprint
FA-LCMCD	LC adapter MM, Duplex, P.B. sleeve, with SC footprint
FA-LCACD	LC/APC adapter, Duplex, zirconia sleeve, with SC footprint
FA-LC3CD	LC adapter, OM3, Aqua, Duplex, P.B. sleeve, with SC footprint
FA-LCMCF	LC adapter, Duplex, MM, P.B. sleeve, flangeless
FA-LC3CF	LC adapter, OM3, Duplex, P.B. sleeve, flangeless, aqua

LC Quad Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-LCS4	LC quad adapter, SM, zirconia sleeve
FA-LM4	LC quad adapter, MM, P.B sleeve
FA-LCA4	LC/APC quad adapter, zirconia sleeve
FA-LC34	LC quad adapter, OM3, P.B sleeve, aqua

Hybrids

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-STSCSDP	ST/SC adapter, SM, Simplex, plastic
FA-STSCMDP	ST/SC adapter, MM, Simplex, plastic
FA-STSCMSP	ST/SC adapter, SM, Duplex, plastic
FA-STSCSSP	ST/SC adapter, MM, Duplex, plastic
FA-STSCSM	ST/SC adapter, SM, Simplex, metal
FA-STSCMM	ST/SC adapter, MM, Simplex, metal
FA-FCSCSM	FC/SC adapter, SM, Duplex, metal
FA-FCSCMM	FC/SC adapter, MM, Duplex, metal
FA-LCSCSFF	LC/SC female to female adapter SM, Simplex
FA-LCSCFF	LC/SC female to female adapter SM, Simplex

MTRJ & MU Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-MTRJS	MTRJ standard adapter, black
FA-MTRJM-SC	MTRJ adapter with SC footprint, MM, beige
FA-MTRJS-SC	MTRJ adapter with SC footprint, SM, blue
FA-MUSD	MU Duplex SM adapter

MPO & DIN Adapters

Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels



Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-MPO	MPO adapter
FA-DIN	DIN adapter

Male & Female Adapters

Description

Fiber optic adapters are used for fiber optic connection. They are manufactured with high quality raw materials and adhere to industry standards.



Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels

Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-SCM-STF-SM	SC male to ST female adapter, SM, Simplex
FA-SCM-FCF-SM	SC male to FC female adapter, SM, Simplex
FA-SCM-STF-MM	SC male to ST female adapter, MM, Simplex
FA-SCM-FCF-MM	SC male to ST female adapter, MM, Simplex

Female to Male Adapters

Description

Fiber optic adapters are used for fiber optic connection. They are manufactured with high quality raw materials and adhere to industry standards.



Features

- Available for both multimode and single mode fibers
- High performance interconnections offer very low insertion loss.
- Available in both zirconia ceramic and phosphorous bronze sleeves for different performance requirement levels

Specifications

- Compliant with Bellcore GR-326, IEC standards, RoHS
- Insertion loss: < 0.2dB
- Durability (500 matings): 0.2dB max increase
- Withdrawal force (gf): 100-300
- Operating temperature: -40 to 85°C

Part Number	Description
FA-LCF-SCM-SM	LC male to SC female adapter, SM, Simplex
FA-SCM-FCF-SM	SC male to FC female adapter, SM, Simplex

Fast Installable Connectors

SC Type Fast Installable Connectors

Features

- No matching gel needed and long life time.
- Excellent insertion loss, 0.3dB max.
- No tools needed and quick installation.
- Tension resistance up to 8kg.



Specification

- Insertion loss: < 0.3dB (average value < 0.15dB)
- Return loss: < -40dB
- Operating temperature: -40 to 80°C
- Repeatable times: 100 times
- Life time: 20 years
- Size: 54mm*9mm*8.5mm
- Fiber type: 3.1x2.0mm flat cable

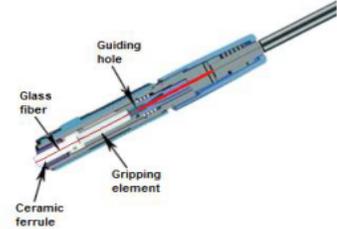


Part Number	Description
FIC-SC-S-32	Compatible with flat cables in 3.1x2.0mm

Fast Installable Connectors

Features

- No internal mechanical splices
- No epoxy and polish required
- No tools and quick installation
- Excellent insertion loss, 0.3dB max.
- Repeatable assembly up to 100 times
- Visual inspection for proper installation



Specification

- Insertion loss: < 0.3dB (average value < 0.15dB)
- Return loss: < -40dB
- Operating temperature: -40 to 80°C
- Repeatable times: 100 times
- Life time: 20 years



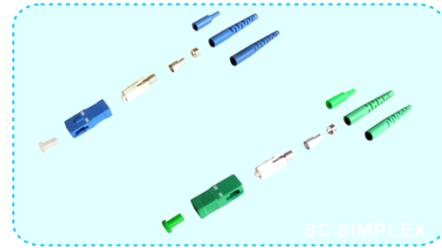
Part Number	Description	Fiber Type
FIC-SC-S-09	0.9 cable quick SC directional	Suitable for 0.25mm/ 0.9mm SMF
FIC-SC-S-30	3.0 cable quick SC directional	Suitable for 2.0mm/ 3.0mm SMF
FIC-SC-S-32	Flat cable quick SC directional	Suitable for 3.1mm/ 2.0mm SMF
FIC-FC-S-09	0.9 cable quick FC directional	Suitable for 0.25mm/ 0.9mm SMF
FIC-FC-S-30	3.0 cable quick FC directional	Suitable for 2.0mm/ 3.0mm SMF
FIC-FC-S-32	Flat cable quick FC directional	Suitable for 3.1mm/ 2.0mm SMF

Fiber Optic Connectors

SC Simplex Fiber Optic Connectors

Features

- Compliant with TIA-568-B.3 performance requirements
- Terminable with common tools
- Compatible with 9/125 single mode, 62.5/125, and 50/125 multimode
- Low insertion loss
- High return loss
- Custom lengths available at 1/2 ft increments (contact for details)

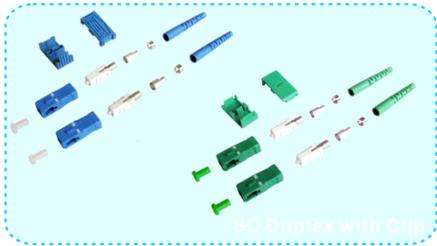


Part Number	Description
FN-1PS3SBL	SC/PC SM 3.0mm fiber optic connector, blue
FN-1PS2SBL	SC/PC SM 2.0mm fiber optic connector, blue
FN-1PS9SBL	SC/PC SM 0.9mm fiber optic connector, blue
FN-1AS3SGR	SC/APC SM 3.0mm fiber optic connector, green
FN-1AS2SGR	SC/APC SM 2.0mm fiber optic connector, green
FN-1AS9SGR	SC/APC SM 0.9mm fiber optic connector, green
FN-1PM3SBG	SC/PC MM 3.0mm fiber optic connector, beige
FN-1PM2SBG	SC/PC MM 2.0mm fiber optic connector, beige
FN-1PM9SBG	SC/PC MM 0.9mm fiber optic connector, beige

SC Duplex Fiber Optic Connectors with a Clip

Features

- Compliant with TIA-568-B.3 performance requirements
- Terminable with commonly available tools
- Compatible with 9/125 single mode, 62.5/125, and 50/125 multimode
- Low insertion loss
- High return loss
- Custom lengths available at 1/2 ft increments (contact for details)



Part Number	Description
FN-1PS3DBL	SC/SM 3.0MM fiber optic connector, blue
FN-1PS2DBL	SC/SM 2.0MM fiber optic connector, blue
FN-1PM3DBG	SC/MM 3.0MM fiber optic connector, beige
FN-1PM2DBG	SC/MM 2.0MM fiber optic connector, beige

ST Simplex Fiber Optic Connectors

Features

- Custom lengths available at 1/2 ft increments (contact for details)
- Compliant with TIA-568-B.3 performance requirements
- Terminable with commonly available tools
- Compatible with 9/125 single mode, 62.5/125, and 50/125 multimode
- Low insertion loss
- High return loss
- Custom lengths available at 1/2 ft increments (contact for details)

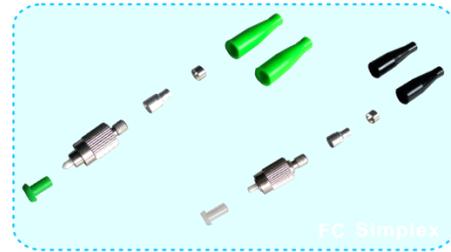


Part Number	Description
FN-2PS3SBK	ST/PC SM 3.0mm fiber optic connector, metal
FN-2PS2SBK	ST/PC SM 2.0mm fiber optic connector, metal
FN-2PS9SBK	ST/PC SM 0.9mm fiber optic connector, metal
FN-2PM3SYL	ST/PC MM 3.0mm fiber optic connector, metal
FN-2PM2SYL	ST/PC MM 2.0mm fiber optic connector, metal
FN-2PM9SYL	ST/PC MM 0.9mm fiber optic connector, metal

FC Simplex Fiber Optic Connectors

Features

- Compliant with TIA-568-B.3 performance requirements
- Terminable with commonly available tools
- Compatible with 9/125 single mode, 62.5/125, and 50/125 multimode
- Low insertion loss
- High return loss
- Custom lengths available at 1/2 ft increments (contact for details)



Part Number	Description
FN-3PS3SBK	FC/PC SM 3.0mm fiber optic connector, metal
FN-3PS2SBK	FC/PC SM 2.0mm fiber optic connector, metal
FN-3PS9SBK	FC/PC SM 0.9mm fiber optic connector, metal
FN-3AS3SGR	FC/APC SM 3.0mm fiber optic connector, metal
FN-3AS2SGR	FC/APC SM 2.0mm fiber optic connector, metal
FN-3AS9SGR	FC/APC SM 0.9mm fiber optic connector, metal
FN-3PM3SBK	FC/PC MM 3.0mm fiber optic connector, metal
FN-3PM2SBK	FC/PC MM 2.0mm fiber optic connector, metal
FN-3PM9SBK	FC/PC MM 0.9mm fiber optic connector, metal

LC Simplex Fiber Optic Connectors

Features

- Compliant with TIA-568-B.3 performance requirements
- Terminable with commonly available tools
- Compatible with 9/125 single mode, 62.5/125, and 50/125 multimode
- Low insertion loss
- High return loss
- Custom lengths available at 1/2 ft increments (contact for details)



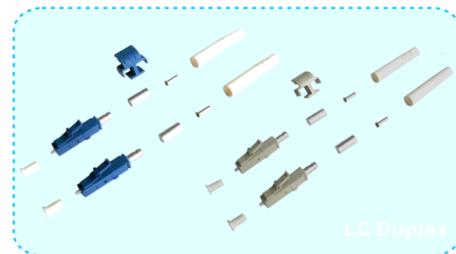
LC Simplex

Part Number	Description
FN-4PS3SWH	LC/PC SM 3.0mm fiber optic connector, blue
FN-4PS2SWH	LC/PC SM 2.0mm fiber optic connector, blue
FN-4PS9SWH	LC/PC SM 0.9mm fiber optic connector, blue
FN-4PM3SBG	LC/PC MM 3.0mm fiber optic connector, beige
FN-4PM2SBG	LC/PC MM 2.0mm fiber optic connector, beige
FN-4PM9SBG	LC/PC MM 0.9mm fiber optic connector, beige

LC Duplex Fiber Optic Connectors

Features

- Compliant with TIA-568-B.3 performance requirements
- Terminable with commonly available tools
- Compatible with 9/125 single mode, 62.5/125, and 50/125 multimode
- Low insertion loss
- High return loss
- Custom lengths available at 1/2 ft increments (contact for details)



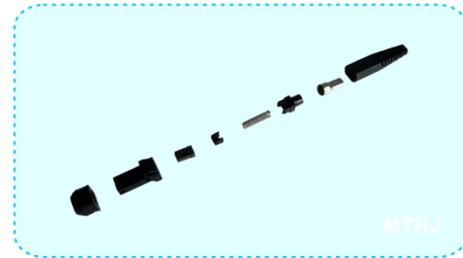
LC Duplex

Part Number	Description
FN-4PS3DWH	LC/PC SM 3.0mm fiber optic connector, blue
FN-4PS2DWH	LC/PC SM 2.0mm fiber optic connector, blue
FN-4PM3DBG	LC/PC MM 3.0mm fiber optic connector, beige
FN-4PM2DBG	LC/PC MM 2.0mm fiber optic connector, beige

MTRJ Fiber Optic Connectors

Features

- Compliant with TIA-568-B.3 performance requirements
- Terminable with commonly available tools
- Compatible with 9/125 single mode, 62.5/125, and 50/125 multimode
- Low insertion loss
- High return loss
- Custom lengths available at 1/2 ft increments (contact for details)



Part Number	Description
FN-5PS2EBK-M	MTRJ male/PC SM 3.0mm Fiber Optic Connector, blue
FN-6PM2EBK-M	MTRJ male/PC MM 2.0mm Fiber Optic Connector, blue

SMA & D4 Fiber Optic Connectors

Features

- Compliant with TIA-568-B.3 performance requirements
- Terminable with commonly available tools
- Compatible with 9/125 single mode, 62.5/125, and 50/125 multimode
- Low insertion loss
- High return loss
- Custom lengths available at 1/2 ft increments (contact for details)



Part Number	Description
FN-7PM3SBK	SMA/PC MM 2.0mm fiber optic connector, black
FN-7PM3SBK	SMA/PC MM 3.0mm fiber optic connector, black
FN-DPS3SBL	D4/PC SM 3.0mm fiber optic connector, metal
FN-DPM3SWH	D4/PC MM 3.0mm fiber optic connector, metal

E2000 & DIN Fiber Optic Connectors

Features

- Compliant with TIA-568-B.3 performance requirements
- Terminable with commonly available tools
- Compatible with 9/125 single mode, 62.5/125, and 50/125 multimode
- Low insertion loss
- High return loss
- Custom lengths available at 1/2 ft increments (contact for details)



Part Number	Description
FN-9PS3SBL	E2000/PC SM 3.0mm fiber optic connector, blue
FN-9AS3SGR	E2000/APC SM 3.0mm fiber optic connector, green
FN-BPS3SWH	DIN/PC SM 3.0mm fiber optic connector, metal
FN-BPM3SWH	DIN/PC MM 3.0mm fiber optic connector, metal

LC Uniboot & MU Fiber Optic Connectors

Features

- Compliant with TIA-568-B.3 performance requirements
- Terminable with commonly available tools
- Compatible with 9/125 single mode, 62.5/125, and 50/125 multimode
- Low insertion loss
- High return loss
- Custom lengths available at 1/2 ft increments (contact for details)



Part Number	Description
FN-4PMUNBJ	LC Uniboot/PC MM 3.0mm Fiber Optic Connector, beige
FN-CPS2SBN	MU/PC SM 2.0mm Fiber Optic Connector, brown

Fiber Optic Attenuators

Fixed FC Plug-in Fiber Attenuators

Features

- Compact and light weight
- Good reliability and stability
- High return loss

Specifications

- Attenuation tolerance (dB):
 - 1-10dB < ± 1.0 dB (typical) standard
 - 11-25dB < $\pm 10\%$ (typical) standard
 - 1-10dB < ± 0.5 dB (typical) premium
 - 11-25dB < $\pm 10\%$ (typical) premium
- Return loss: ≤ -50 dB (UPC), ≤ -60 dB (APC)
- Wavelength: 1310nm, 1550nm, 1310/1550nm
- Operating temperature: -40 to 75°C
- PDL < 0.1dB



Part Number	Description
FU-TPFCU05SM	FC Plug-in fixed attenuator, SM, 5dB
FU-TPFCU10SM	FC Plug-in fixed attenuator, SM, 10dB

Fixed SC Plug-in Fiber Attenuators

Features

- Compact and light weight
- Good reliability and stability
- High return loss

Specifications

- Attenuation tolerance (dB):
 - 1-10dB < ± 1.0 dB (typical) standard
 - 11-25dB < $\pm 10\%$ (typical) standard
 - 1-10dB < ± 0.5 dB (typical) premium
 - 11-25dB < $\pm 10\%$ (typical) premium
- Return loss: ≤ -50 dB (UPC), ≤ -60 dB (APC)
- Wavelength: 1310nm, 1550nm, 1310/1550nm
- Operating temperature: -40 to 75°C
- PDL < 0.1dB



Part Number	Description
FU-TPSCU05SM	SC plug-in fixed attenuator, SM, 5dB
FU-TPSCU10SM	SC plug-in fixed attenuator, SM, 10dB
FU-TPSCA05SM	SC/APC plug-in fixed attenuator, SM, 5dB
FU-TPSCA10SM	SC/APC plug-in fixed attenuator, SM, 10dB
FU-TPSCA05SM-P	SC/APC plug-in fixed attenuator, SM, 5dB, green

Fixed LC Plug-in Fiber Attenuators

Features

- Compact and light weight
- Good reliability and stability
- High return loss



Specifications

- Attenuation tolerance (dB):
 - 1-10dB < ± 1.0 dB (typical) standard
 - 11-25dB < $\pm 10\%$ (typical) standard
 - 1-10dB < ± 0.5 dB (typical) premium
 - 11-25dB < $\pm 10\%$ (typical) premium
- Return loss: ≤ -50 dB (UPC), ≤ -60 dB (APC)
- Wavelength: 1310nm, 1550nm, 1310/1550nm
- Operating temperature: -40 to 75°C
- PDL < 0.1dB

Part Number	Description
FU-TPLCU05SM	LC plug-in fixed attenuator, SM, 5dB
FU-TPLCU10SM	LC plug-in fixed attenuator, SM, 10dB
FU-TPLCU15SM	LC plug-in fixed attenuator, SM, 15dB

Fixed LC Plug-in Fiber Attenuators: Slim Type* (Width: 6-6.2mm)

Features

- Compact and light weight
- Good reliability and stability
- High return loss



Specifications

- Attenuation tolerance (dB):
 - 1-10dB < ± 1.0 dB (typical) standard
 - 11-25dB < $\pm 10\%$ (typical) standard
 - 1-10dB < ± 0.5 dB (typical) premium
 - 11-25dB < $\pm 10\%$ (typical) premium
- Return loss: ≤ -50 dB (UPC), ≤ -60 dB (APC)
- Wavelength: 1310nm, 1550nm, 1310/1550nm
- Operating temperature: -40 to 75°C
- PDL < 0.1dB

Part Number	Description
FU-TPLCU05SM-SL	LC plug-in fixed attenuator, SM, 5dB, slim
FU-TPLCU10SM-SL	LC plug-in fixed attenuator, SM, 10dB, slim

Fixed ST Plug-in Fiber Attenuators

Features

- Compact and light weight
- Good reliability and stability
- High return loss



Specifications

- Attenuation tolerance (dB):
 - 1-10dB < ± 1.0 dB (typical) standard
 - 11-25dB < $\pm 10\%$ (typical) standard
 - 1-10dB < ± 0.5 dB (typical) premium
 - 11-25dB < $\pm 10\%$ (typical) premium
- Return loss: ≤ -50 dB (UPC), ≤ -60 dB (APC)
- Wavelength: 1310nm, 1550nm, 1310/1550nm
- Operating temperature: -40 to 75°C
- PDL < 0.1dB

Part Number	Description
FU-PSTU05SM	ST plug-in fixed attenuator, SM, 5dB
FU-PSTU10SM	ST plug-in fixed attenuator, SM, 10dB

FC Attenuators

Features

- Compact and light weight
- Good reliability and stability
- High return loss

Specifications

- Attenuation tolerance (dB):
 - 1-10dB < ± 1.0 dB (typical) standard
 - 11-25dB < $\pm 10\%$ (typical) standard
 - 1-10dB < ± 0.5 dB (typical) premium
 - 11-25dB < $\pm 10\%$ (typical) premium
- Return loss: ≤ -50 dB (UPC), ≤ -60 dB (APC)
- Wavelength: 1310nm, 1550nm, 1310/1550nm
- Operating temperature: -40 to 75°C
- PDL < 0.1dB



Part Number	Description
FU-TBFCU05SM	FC attenuator, SM, 5dB
FU-TBFCU10SM	FC attenuator, SM, 10dB

SC Attenuators

Features

- Compact and light weight
- Good reliability and stability
- High return loss

Specifications

- Attenuation tolerance (dB):
 - 1-10dB < ± 1.0 dB (typical) standard
 - 11-25dB < $\pm 10\%$ (typical) standard
 - 1-10dB < ± 0.5 dB (typical) premium
 - 11-25dB < $\pm 10\%$ (typical) premium
- Return loss: ≤ -50 dB (UPC), ≤ -60 dB (APC)
- Wavelength: 1310nm, 1550nm, 1310/1550nm
- Operating temperature: -40 to 75°C
- PDL < 0.1dB



Part Number	Description
FU-TBSCU05SM	SC attenuator, SM, 5dB
FU-TBSCU10SM	SC attenuator, SM, 10dB
FU-TBSCA05SM	SC/APC attenuator, SM, 5dB
FU-TBSCA10SM	SC/APC attenuator, SM, 10dB

FC Variable Attenuators

Features

- Compact and light weight
- Good reliability and stability
- High return loss

Specifications

- Attenuation tolerance (dB):
 - 1-10dB < ± 1.0 dB (typical) standard
 - 11-25dB < $\pm 10\%$ (typical) standard
 - 1-10dB < ± 0.5 dB (typical) premium
 - 11-25dB < $\pm 10\%$ (typical) premium
- Return loss: ≤ -50 dB (UPC), ≤ -60 dB (APC)
- Wavelength: 1310nm, 1550nm, 1310/1550nm
- Operating temperature: -40 to 75°C
- PDL < 0.1dB



Part Number	Description
FU-TVFC	FC variable attenuator, SM, 0-30dB

In-line Attenuators

Features

- Compact and light weight
- Good reliability and stability
- High return loss



Specifications

- Attenuation tolerance (dB):
 - 1-10dB < ± 1.0 dB (typical) standard
 - 11-25dB < $\pm 10\%$ (typical) standard
 - 1-10dB < ± 0.5 dB (typical) premium
 - 11-25dB < $\pm 10\%$ (typical) premium
- Return loss: ≤ -50 dB (UPC), ≤ -60 dB (APC)
- Attenuation value (dB): 1, 2, 3, 5, 10, 15, 20
- Return loss ≥ 40 dB
- Wavelength: 1310nm, 1550nm, 1310/1550nm
- Operating temperature: -40 to 80°C
- PDL < 0.1dB

Building a Part Number for a Fiber Optic Attenuator

Cable Type	Connector #1	Polishing	Connector #2	Polishing	Mode Type
FU	1: SC 2: ST 3:FC 4: LC C: MU	P: PC U: UPC A: APC	1: SC 2: ST 3:FC 4: LC C: MU	P: PC U: UPC A: APC	6: 62.5/125 OM1 5: 50/125 OM2 9: 9/125 OS1

Wavelength	Attenuation	Cable Outer Diameter	Cable Length	Package
01: 1310nm 02:1550nm 03: 1310/1550nm 04: 850nm	01: 1dB 03: 3dB 05: 5dB etc.	1: 0.9mm 2: 2.0mm 3: 3.0mm	1: 1M 1.5: 1.5M 2: 2M etc.	1: 3.0*5.5mm 2: 90* 15*7mm

Example

FU-1U1U-6010331M1: Inline attenuator, SC UPC to SC UPC, OM1, 1310nm, 1dB attenuation, 1M, 3.0*5.5mm package

More Catalogs

Pactech Power Cords Catalog

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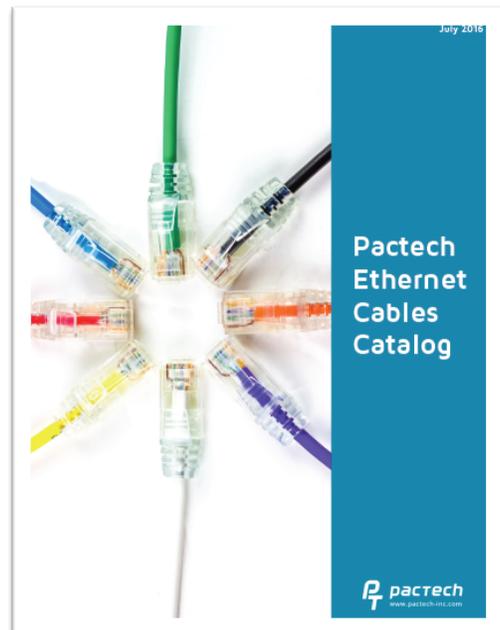
- *C14 to C13 Power Cords*
- *C14 to C15 Power Cords*
- *C14 to C19 Power Cords*
- *C20 to C19 Power Cords*
- *C20 to C15 Power Cords*
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- *Y Style Power Cords*
- *International Power Cords*



Pactech Ethernet Cables Catalog

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- *CAT5E Ethernet Cables*
- *CAT6 Ethernet Cables*
- *CAT6A Ethernet Cables*
- *CAT7 Ethernet Cables*
- *Patch Panels*
- *Cable Management*
- *Cable Accessories*
- *Data Center Cable Services*



Pactech Bulk Ethernet Cables Catalog

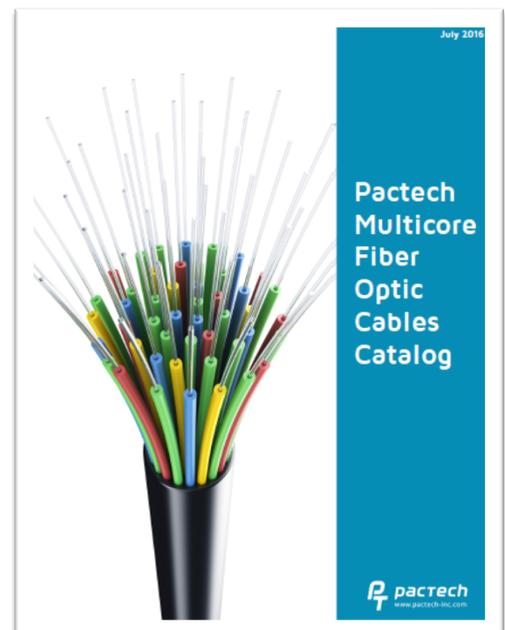
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- *CAT5E UTP Solid*
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- *CAT5E 25 Pairs Solid*
- *CAT6 UTP Solid*
- *CAT6 UTP Dual Solid*
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- *CAT6 FTP Dual Solid*
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- *Industrial CAT7 Solid*
- *Industrial CAT7 Stranded*

Pactech Multicore Fiber Optical Cables Catalog

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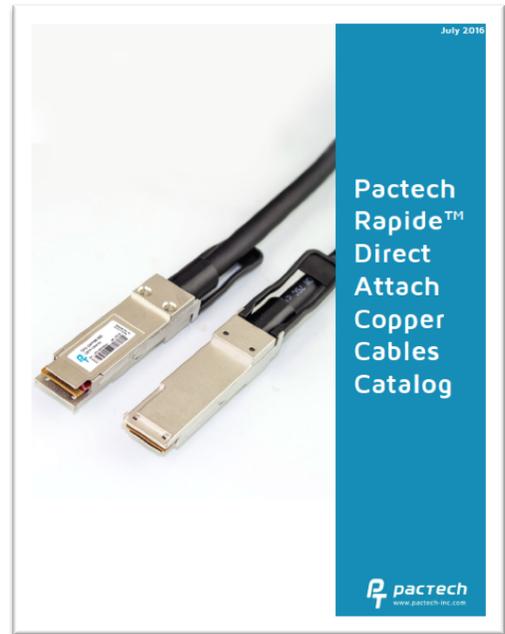
- *Stranded Loose Tube Optical Fiber Cables*
- *Fiber Optic Ribbon Cables*
- *Figure 8 Self-Supporting Optical Fiber Cables*



Pactech Rapide™ Direct Attach Copper Cables Catalog

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- *Rapide™ 40G QSFP+ Passive Twinax Direct Attach Copper Cable*
- *Rapide™ 40G QSFP+ to 4xSFP+ Passive Twinax Direct Attach Copper Breakout Cable*
- *Rapide™ 25G SFP28 Passive Twinax Direct Attach Copper Cable*
- *Rapide™ 100G QSFP28 Passive Twinax Direct Attach Copper Cable*
- *Rapide™ 100G QSFP28 to 4xSFP28 Breakout Passive Twinax Direct Attach Copper Cable*



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