

## 70102447 Cable Assemblies - FiberExpress Duplex Patch Cord



For more Information  
please call

1-800-Belden1



### General Description:

FiberExpress Duplex Patch Cord, ST-ST, PC-Polish, 5m (16ft 5in), Multimode, OM1, 62.5um

### Usage (Overall)

<b>Suitable Applications:</b>	Data Centers, Main Equipment Rooms, Telecommunications Rooms and Work Area
<b>Related Parts:</b>	FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames and Cassettes. Workstation Outlets

### Multi Conductor

#### Physical Characteristics

##### Overall Cabling

<b>Overall Cabling Fillers:</b>	Refer to cable Technical Specifications
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##### Overall Diameter

<b>Overall Nominal Diameter:</b>	0.118 x 0.236 in.
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### Physical Characteristics (Connectivity)

#### Fiber Type

<b>Fiber Type:</b>	62.5 Micron (OM1)
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#### Materials

##### Materials:

Description	Type	Material	Color
Connector end 1	ST	Metal	
Boot end 1		Rubber	Gray
Ferrule end 1	2.5mm	Zirconia-Ceramic	White
Connector end 2	ST	Metal	
Boot end 2		Rubber	Gray
Ferrule end 2	2.5mm	Zirconia-Ceramic	White
Jacket	3.0 mm Zip	OFNR	Orange

#### Wiring Scheme

<b>Wiring Scheme:</b>	TIA/EIA 568-C.3
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#### Weight

<b>Weight:</b>	0.322 lbs.
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#### Packaging

<b>Packaging:</b>	Individually packaged in a clear plastic bag.
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### Mechanical Characteristics (Connectivity)

<b>Storage Temperature Range:</b>	-40°C To +75°C
<b>Operating Temperature Range:</b>	-40°C To +75°C

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>UL Rating:</b>	Riser
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	01/01/2006
<b>MIL Order #39 (China RoHS):</b>	EUP 50
<b>Telecommunications Standards:</b>	TIA 568.C.3
<b>Safety Listing:</b>	ACA, Bi-national Standard Listed

#### Suitability

<b>Suitability - Indoor:</b>	Yes
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### Transmission Characteristics (Connectivity)

#### Notes (Overall)

##### Product Family

##### Product List:

Description	Belden Part Number Multimode - OM1 - 62.5 µm	Belden Part Number Multimode - OM2 - 50 µm	Belden Part Number Multimode - OM3 - 50 µm	Single-mode - OS2
<b>Duplex Patch Cord</b>				
ST-ST - 2 m (6 ft.)	70102419	AX200341	AX200799	AX200090
ST-ST - 3 m (10 ft.)	70102420	AX200459	AX200795	AX200091
ST-ST - 5 m (16 ft.)	70102447	AX200413	AX200800	AX200092
568SC-568SC - 2 m (6 ft.)	AX200056	AX200084	AX200603	AX200094
568SC-568SC - 3 m (10 ft.)	AX200057	AX200082	AX200589	AX200095
568SC-568SC - 5 m (16 ft.)	AX200058	AX200280	AX200624	AX200096
LC duplex-LC duplex - 2 m (6 ft.)	AX200517	AX200527	AX200664	AX200507
LC duplex-LC duplex - 3 m (10 ft.)	AX200518	AX200528	AX200665	AX200508
LC duplex-LC duplex - 5 m (16 ft.)	AX200519	AX200529	AX200666	AX200509
MTRJ-MTRJ - 2 m (6 ft.)	AX101122	AX101139	AX200801	AX101157
MTRJ-MTRJ - 3 m (10 ft.)	AX101123	AX101138	AX200802	AX101156
MTRJ-MTRJ - 5 m (16 ft.)	AX101125	AX101137	AX200803	AX101155
<b>Hybrid Patch Cord</b>				
568SC-ST - 3 m (10 ft.)	AX200060	AX200196	AX200900	AX200421
LC duplex-ST - 3 m (10 ft.)	AX200699	AX200695	AX200809	AX200698
LC duplex-568SC - 3 m (10 ft.)	AX200580	AX200581	AX200668	AX200667
MTRJ-ST - 3 m (10 ft.)	AX101133	AX101151	AX200810	AX101166
MTRJ-568SC - 3 m (10 ft.)	AX101128	AX101143	AX200797	AX101161
<b>Single-ended (pigtailed)</b>				
ST-open - 2 m (6 ft.)	70100390	AX200458	AX200811	AX200097
SC-open - 2 m (6 ft.)	70101714	AX200192	AX200653	AX200098
LC-open - 2 m (6 ft.)	AX200657	AX200658	AX200660	AX200659
MTRJ(m)-open - 3 m (10 ft.)	AX101366	AX101367	AX200812	AX101368

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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