

Multimode Fiber Optic Cable Assemblies

APPLICATION

Multimode Fiber Optic Cable Assemblies are designed to patch and connect fiber cabling systems from the workstation to the frame. The cable assemblies are available in 1, 2, 3, 5, and 10 meter lengths, and custom lengths. They offer a variety of connection configurations including standard and hybrid combinations of MT-RJ, ST, SC, and LC connectors. The cable assemblies also offer 50µm and 62.5µm core styles.

STANDARDS COMPLIANCE

Compliant with TIA/EIA-568B.3.

PHYSICAL SPECIFICATIONS

Materials: 50µm or 62.5µm OFNR rated fiber optic cable
 Dimensions: 1, 2, 3, 5 and 10 meter lengths
 Custom lengths also available
 Cable Color: Orange

See ELECTRONIC FILES for CAD files (.DXF, .DWG, MS-DOS.EPS) on disk



For ELECTRONIC Typical Specs see (.TXT) file on disk.

Multimode Fiber Optic Cable Assemblies

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Connector Style	Density	50 micron	62.5 micron
		<i>Part Numbers</i>	
Standard			
MT-RJ to MT-RJ	Duplex	50DMJ-M**	62DMJ-M**
ST to ST	Duplex	50DST-M**	62DST-M**
SC to SC	Duplex	50DSC-M**	62DSC-M**
LC to LC	Duplex	50DLC-M**	62DLC-M**
Hybrid			
MT-RJ to SC	Duplex	50DCM-M**	62DCM-M**
MT-RJ to ST	Duplex	50DTM-M**	62DTM-M**
ST to SC	Duplex	50DCT-M**	62DCT-M**
LC to SC	Duplex	50DCL-M**	62DCL-M**
LC to ST	Duplex	50DTL-M**	62DTL-M**
Optical Return Loss:		± 20db	± 20db

** = Length: 01=1 meter, 02=2 meters, 03=3 meters, 05=5 meters, 10=10 meters
 Custom lengths available upon request. Call Customer Service at 1(800) 722-2082 for more information.

DESIGN CONSIDERATIONS

- Standard or hybrid connector styles.
- See chart below for optical return loss equal to, or better than 20dB at 1300nm per mated pair.
- Insertion loss is better than .3dB at 1300nm per mated pair.
- All connectors have precision pre-radiused zirconia ferrules.
- ST and FC connectors have metal bodies.

WARRANTY INFORMATION

- One-year limited product warranty and 15-year performance guarantee are standard.
- Product and performance warranties are extended to a Lifetime warranty as part of Leviton's Certified Cabling System.

TYPICAL SPECIFICATION

The patch cords shall meet an optical return loss equal to or better than 20dB per mated pair. Insertion loss shall equal to, or better than, .3dB per mated pair. The patch cords shall be constructed of 50µm or 62.5µm OFNR rated fiber optic cable. The cords shall be orange, available in 1, 2, 3, 5 and 10 meter lengths, as well as custom lengths. The patch cords shall be compliant with TIA/EIA-568B.3. The manufacturer shall provide a one-year limited product warranty and a 15-year performance guarantee which can be extended to a Lifetime if installed as part of a certified cabling system.



For Applications Engineering Support – Call 1-425-485-4288; in USA call 1-800-722-2082
 Spec sheets and updates are also available at www.levitonvoicedata.com.

