

Multimode Fiber Optic Cable Assemblies

APPLICATION

Multimode Fiber Optic Cable Assemblies (patch cords) are designed to patch and connect fiber cabling systems.

STANDARDS COMPLIANCE

Compliant with TIA/EIA-568-B.3

PHYSICAL SPECIFICATIONS

Lengths:

1, 2, 3, 5 and 10 meters (custom lengths available)

Dimensions:

LC & MT-RJ built on 1.6mm cable
SC, ST, FC built on 3.0mm cable

Cable Type & Color:

50 μ m or 62.5 μ m OFNR-rated orange fiber optic cable

Custom options available

DESIGN CONSIDERATIONS

- Standard or hybrid connector styles
- Optical return loss is equal to, or better than 20dB
- All connectors have precision pre-radiused zirconia ferrules
- ST and FC connectors have metal bodies
- Insertion loss max of .5dB, with a typical of .3dB at 1300nm per mated pair
- Corning glass fiber is standard

WARRANTY INFORMATION

For a copy of Leviton product warranties, log on to www.levitonvoicedata.com/warranty.



TYPICAL SPECIFICATION

The patch cords shall meet an optical return loss equal to or better than 20dB per mated pair. Insertion loss shall average .3dB, but not exceed .5dB per mated pair. The patch cords shall be constructed of 50 μ m or 62.5 μ m OFNR rated fiber optic cable. The cords shall be orange, available in 1, 2, 3, 5 and 10 meter lengths. The patch cords shall be compliant with TIA/EIA-568-B.3.

ELECTRONIC FILES

For CAD files, Typical Specs, or Dimensional Line Art (.DXF, .DWG, MS-DOS.eps or .TXT), log on to www.levitonvoicedata.com.

Multimode Fiber Optic Cable Assemblies



For Technical Support Call 1-425-485-4288; in USA call 1-800-824-3005.
Spec sheets and updates are also available at www.levitonvoicedata.com.

2222 - 222nd St. SE • Bothell, WA 98021 USA

Tel: 1-800-722-2082 / 1-425-485-4288 • Fax: 1-425-483-5270 • Int'l Fax: 1-425-485-9170 • GSA Schedule Available.



Multimode Fiber Optic Cable Assemblies

Part Numbers
50XXX-MXX
62XXX-MXX
.....

Standard Part Numbers - Multimode Fiber Optic Cable Assemblies

| 62.5µm MULTIMODE STANDARD | | | 62.5µm MULTIMODE HYBRID | | |
|---------------------------|-----------|-----------|-------------------------|-----------|-----------|
| DESCRIPTION | SIMPLEX | DUPLEX | DESCRIPTION | SIMPLEX | DUPLEX |
| SC to SC | 62SSC-M** | 62DSC-M** | SC to ST | 62SCT-M** | 62DCT-M** |
| ST to ST | 62SST-M** | 62DST-M** | SC to LC | 62SCL-M** | 62DCL-M** |
| LC to LC | 62SLC-M** | 62DST-M** | SC to MTRJ | | 62DCM-M** |
| MTRJ to MTRJ | | 62DMJ-M** | ST to MTRJ | | 62DTM-M** |
| 50µm MULTIMODE STANDARD | | | | | |
| SC to SC | 50SSC-M** | 50DSC-M** | | | |
| ST to ST | 50SST-M** | 50DST-M** | | | |
| LC to LC | 50SLC-M** | 50DLC-M** | | | |

** = Length - 1 meter (01), 2 meters (02), 3 meters (03), 5 meters (05), or 10 meters (10).

Custom Model Configurator - Multimode Fiber Optic Cable Assemblies

Example: FJ-CH002FF-015 = Fiber jumper, LC MM duplex on both sides, 62.5µm, plenum rated, 15 meters.

| | FIBER TYPE | CABLE TYPE | FIBER COUNT | FIRST END TERMINATION | SECOND END TERMINATION | LENGTH (METERS) |
|----|-------------------------------|----------------------------|-------------|-----------------------|------------------------|-----------------|
| FJ | X | X | XXX | X | X | XXX |
| | B = MM 50/125µm - ITU G-651 | E = Simplex (Riser-rated) | 001 | C = ST MM | C = ST MM | 001 - 999 |
| | C = MM 62.5/125µm - ITU G-651 | F = Duplex (Riser rated) | 002 | D = FC MM | D = FC MM | |
| | X = Other | G = Simplex (Plenum-rated) | XXX = Other | E = SC MM | E = SC MM | |
| | | H = Duplex (Plenum-rated) | | F = LC MM | F = LC MM | |
| | | X = Other | | X = Other | X = Other | |

Note: For LC and MT-RJ connectors, cable type is 1.6mm simplex or duplex unless otherwise specified. For all other connectors cable type is 3mm. Fiber jumpers have straight polarity unless otherwise specified.

Please call for Custom Configuration price quotes and lead times.



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