



Custom Fiber Optic & Electronic Cable Assemblies

Multifiber Assemblies: Singlemode and Multimode

Litra singlemode and multimode multifiber assemblies are manufactured to the highest industry standards using high quality components (fiber and connectors) that provide our customers with the confidence of superior network performance and reliability.

Applications include trunking connections between fiber panels and direct connections between fiber optic transceivers. Litra produces a wide range of multifiber assemblies with fiber counts from 2 to 144 using industry standard cables:

- Riser
- Plenum
- LSZH
- Armored
- Hybrid
- Indoor/Outdoor
- 900 um distribution
- 2.0 mm fanout

and industry standard connectors:

- SC, SCAPC
- FC, FCAPC
- LC, LCAPC
- ST
- D4
- MTRJ

Litra offers multimode assemblies using legacy OM1 (62.5/125) and OM2 (50/125) fibers and laser optimized OM3 and OM4 fibers. We closely monitor the fiber industry and will offer newly developed fiber cables (OM5) as they become industry accepted. Our singlemode assemblies are manufactured using OS2 bend insensitive fiber to meet the high-bandwidth, low-loss specifications required in today's networks.

Litra employees combined bring more than 300 years of fiber optic manufacturing experience to the industry. We are dedicated to providing reliable, high-quality, high-performance fiber assemblies.



	Multimode	Singlemode
Insertion Loss (dB)	0.35 Max, 0.10 Typ.	0.40 Max, 0.15 Typ.
Return Loss (dB)	25 Max, 35 Typ.	55 UPC, 60 APC
Durability	500 Matings	500 Matings
Repeatability (dB)	0.20	0.20

Governing standards: Telecordia GR-326, ANSI/TIA-568-C.3, ISO/IEC11801 and IEC-61754-7

Part Number Guide: MF-ABBBCDEFGHIJ- XXXY

A Fiber Type

S: Singlemode
 1: OM1
 2: OM2
 3: OM3
 4: OM4

B Fiber Count

002 - 144

C Cable Type

1: Indoor/Outdoor
 2: Micro-Distribution
 3: Distribution/MIC
 4: OSP Drop
 5: Breakout
 6: Ribbon
 7: Armored

D Jacket Type

R: Riser
 P: Plenum

E Breakout Length (in)

1: 8
 2: 12
 3: 18
 4: 24
 5: Custom

F Furcation

1: 900um
 2: 2mm
 3: 3mm
 4: None

G Pulling Eye

1: One end
 2: both ends
 3: None

H Put Up Required

C: Coil (standard)
 R: Reel

I Connector End 1

1: ST
 2: SC
 3: FC
 4: LC
 5: SCAPC
 6: FCAPC
 7: LCAPC
 8: D4
 9: MTRJ
 0: Open

J Connector End 2

1: ST
 2: SC
 3: FC
 4: LC
 5: SCAPC
 6: FCAPC
 7: LCAPC
 8: D4
 9: MTRJ
 0: Open

XXX Length

000 – 999

Y

F: Feet
 M: Meters

Example: MF-S0721R321C24075F

SM 72 fiber 900um riser Indoor/Outdoor riser assembly, SC/LC, 18" breakout with 2.0 mm furcation pulling eye on one end, 75 feet.

Litra is a major supplier of custom-made cable products offering a full line of fiber optic, coaxial and twisted pair assemblies suitable for high speed data, voice, LAN, WAN and switching applications. Since 1989 we have served the telecommunications and electronic markets with all styles of high performance interconnection cables.

**Call today to discuss your multifiber cable assembly needs.
 Let us engineer a solution to your specific requirements.**



**PLUG
& PLAY**



**VERIFIABLE QUALITY
& PERFORMANCE
TESTING**



**RAPID
RESPONSE**



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