

LC Cable Assemblies

Product Facts

- For high performance applications/high density
- 125 μm Ceramic Ferrule Technology
- Small size — 1/2 size of standard SC and FC products
- Singlemode and multimode
- Tuned singlemode assemblies
- High performance small size cable
 - 900 μm buffered fiber assemblies
 - 2.0 mm cable assemblies
- Hybrid assemblies available with all standard connectors
- Hybrid SC's and FC's terminated to 2.0 mm cable and 900 μm buffered fiber
- Factory terminated/factory tested



LC Cable Assembly

Performance Characteristics

Insertion Loss —

Singlemode — .25 dB max.; < .1 dB typ.

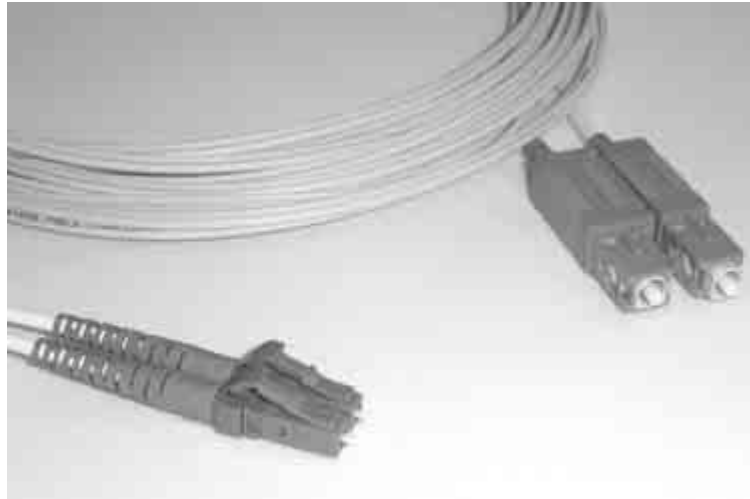
Multimode — .1 dB typ.;

.1 dB typ. σ

Return Loss —

Singlemode — 55 dB; PC endface

Multimode — 20 dB

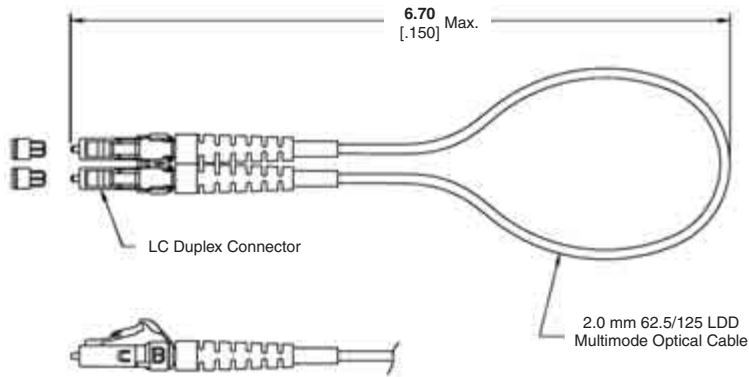


Hybrid LC-SC Cable Assembly

LC Cable Assemblies (Continued)

| Description | Cable Type | Part Numbers/Lengths (m) | | | | | | |
|---|------------------------------|------------------------------|-----------|-----------|-----------|-----------|-----------|-------------|
| | | 1 | 2 | 3 | 4 | 5 | 10 | |
| Simplex | | | | | | | | |
| Singlemode | LC to LC | 900 micron | 6374518-1 | 6374518-2 | 6374518-3 | 6374518-4 | 6374518-5 | 1-6374518-0 |
| | | 2.0 mm Jacketed Riser | 6374110-1 | 6374110-2 | 6374110-3 | 6374110-4 | 6374110-5 | 1-6374110-0 |
| | LC to SC | 900 micron | 6374610-1 | 6374610-2 | 6374610-3 | 6374610-4 | 6374610-5 | 1-6374610-0 |
| | | 2.0 mm Jacketed Riser | 6374611-1 | 6374611-2 | 6374611-3 | 6374611-4 | 6374611-5 | 1-6374611-0 |
| 50/125 μm Multimode | LC to LC | 2.0 mm Jacketed Riser | 6374656-1 | 6374656-2 | 6374656-3 | 6374656-4 | 6374656-5 | 1-6374656-0 |
| | LC to SC | 2.0 mm Jacketed Riser | 6374612-1 | 6374612-2 | 6374612-3 | 6374612-4 | 6374612-5 | 1-6374612-0 |
| 62.5/125 μm Multimode | LC to LC | 900 micron | 6374108-1 | 6374108-2 | 6374108-3 | 6374108-4 | 6374108-5 | 1-6374108-0 |
| | LC to SC | 2.0 mm Jacketed Riser | 6374109-1 | 6374109-2 | 6374109-3 | 6374109-4 | 6374109-5 | 1-6374109-0 |
| 62.5/125 μm Multimode | LC to SC | 2.0 mm Jacketed Riser | 6374614-1 | 6374614-2 | 6374614-3 | 6374614-4 | 6374614-5 | 1-6374614-0 |
| | LC to MT-RJ | 1.8 mm Jacketed Riser | 6374647-1 | 6374647-2 | 6374647-3 | 6374647-4 | 6374647-5 | 1-6374647-0 |
| Duplex | | | | | | | | |
| Singlemode | LC to LC | 2.0 mm Jacketed Riser | 6374657-1 | 6374657-2 | 6374657-3 | 6374657-4 | 6374657-5 | 6374657-6 |
| | LC Duplex to SC Duplex | 2.0 mm Jacketed Riser | 6457072-1 | 6457072-2 | 6457072-3 | 6457072-4 | 6457072-5 | 1-6457072-0 |
| | 2 LC Simplex to 2 SC Simplex | 2.0 mm Jacketed Riser | 6374515-1 | 6374515-2 | 6374515-3 | 6374515-4 | 6374515-5 | 1-6374515-0 |
| | LC to ST | 2.0 mm Jacketed Riser | 6457207-1 | 6457207-2 | 6457207-3 | — | 6457207-5 | 1-6457207-0 |
| 50/125 μm Multimode | LC to MT-RJ | 1.8 mm Jacketed Riser | 6374645-1 | 6374645-2 | 6374645-3 | 6374645-4 | 6374645-5 | 1-6374645-0 |
| | LC to LC | 2.0 mm Jacketed Riser | 6374658-1 | 6374658-2 | 6374658-3 | 6374658-4 | 6374658-5 | 1-6374658-0 |
| | LC to SC | 2.0 mm Jacketed Riser | 6374613-1 | 6374613-2 | 6374613-3 | 6374613-4 | 6374613-5 | 1-6374613-0 |
| | LC to ST | 2.0 mm Jacketed Riser | 1906822-1 | 1906822-2 | 1906822-3 | 1906822-4 | 1906822-5 | 1-1906822-0 |
| Laser Optimized (10 Gig) (850 nm) 50/125 μm Multimode | LC to MT-RJ | 1.8 mm Jacketed Riser | 6374647-1 | 6374647-2 | 6374647-3 | 6374647-4 | 6374647-5 | 1-6374647-0 |
| | LC to LC | 2.0 mm Aqua Jacketed Riser | 6828317-1 | 6828317-2 | 6828317-3 | 6828317-4 | 6828317-5 | 1-6828317-0 |
| | | 2.0 mm Aqua Jacketed Riser | 6828318-1 | 6828318-2 | 6828318-3 | — | 6828318-5 | 1-6828318-0 |
| | LC to SC | 2.0 mm Orange Jacketed Riser | 6754384-1 | 6754384-2 | 6754384-3 | 6754384-4 | 6754384-5 | 1-6754384-0 |
| 62.5/125 μm Multimode | LC to LC | 2.0 mm Jacketed Riser | 6374659-1 | 6374659-2 | 6374659-3 | 6374659-4 | 6374659-5 | 1-6374659-0 |
| | LC to SC | 2.0 mm Jacketed Riser | 6374615-1 | 6374615-2 | 6374615-3 | 6374615-4 | 6374615-5 | 1-6374615-0 |
| | LC to ST | 2.0 mm Jacketed Riser | 6457104-1 | 6457104-2 | 6457104-3 | — | 6457104-5 | 1-6457104-0 |
| | LC to MT-RJ | 1.8 mm Jacketed Riser | 6374646-1 | 6374646-2 | 6374646-3 | 6374646-4 | 6374646-5 | 1-6374646-0 |

LC Loopbacks

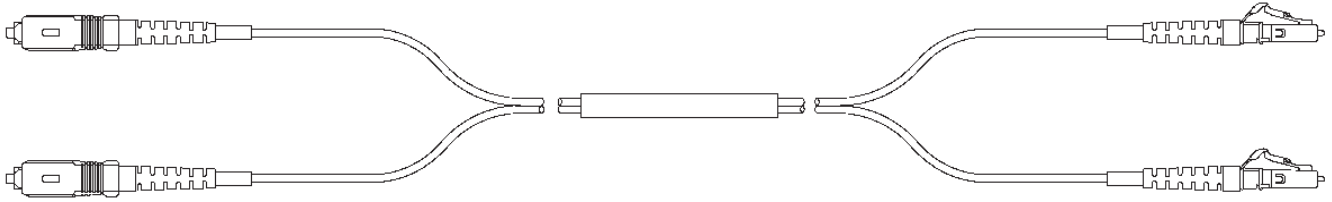


| Description | Part Number | |
|-------------|-----------------------|-----------|
| LC Loopback | Singlemode | 6457047-1 |
| | Multimode 62.5/125 μm | 6457048-1 |
| | Multimode 50/125 μm | 6457049-1 |

Note: All part numbers are RoHS compliant.

LC Cable Assemblies (Continued)

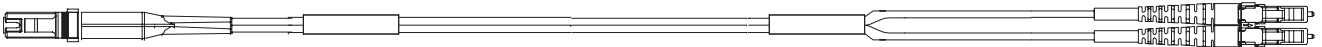
**2.0 mm ZIPCORD, Singlemode
LC Simplex to SC Simplex**



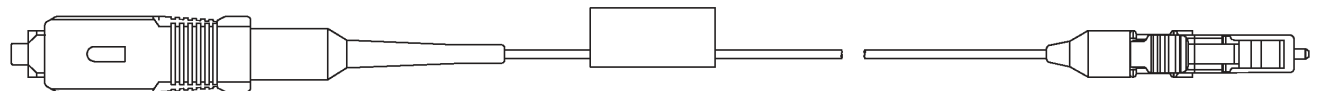
**LC to Simplex SC
2.0 mm cable**



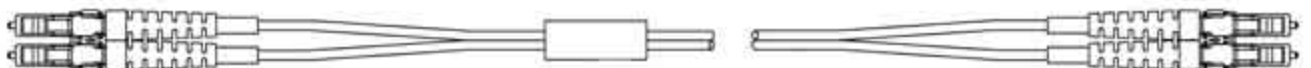
LC Duplex to MT-RJ



**LC Simplex to SC
on 900 µm buffered fiber**



LC Duplex to LC Duplex



LC SECURE Cable Assemblies

Product Facts

- LC SECURE Plugs mate with like-colored LC SECURE adapters only (see page 10)
- Ten exclusive connector variants
- Color coded assemblies match MT-RJ and MPO SECURE offerings (see pages 107 and 108)
- Distinct keyway geometry on plug nose and color coding assures identifiable key-type
- Black boots for 50/125 standard, beige for 62.5/125 multimode, blue for singlemode, and aqua for 50/125 Laser Optimized (10 Gig)
- Standard cable is 2 mm zipcord
- Standard jacket color is yellow for singlemode, orange for multimode, and aqua for Laser Optimized (10 Gig) multimode (850 nm 50/125 μm)
- Other configurations are available



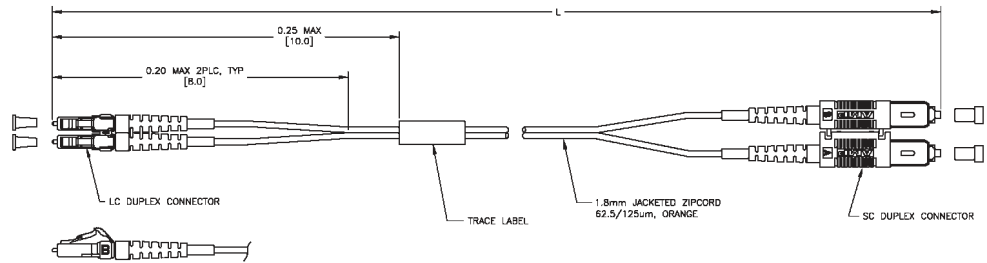
| LC SECURE Color | Fiber Type | Part Numbers | | | |
|-----------------|---|--------------|-----------|-----------|-----------|
| | | MT-RJ | SC | LC | ST |
| Red | 50/125 μm Multimode | 1907114-X | 1905992-X | 1906012-X | 1906002-X |
| | Laser Optimized (10 Gig) (850 nm 50/125 μm) Multimode | 1907134-X | 1906070-X | 1906090-X | 1905079-X |
| | 62.5/125 μm Multimode | 1907124-X | 1828872-X | 1906051-X | 1906080-X |
| | Singlemode | 1906904-X | 1905089-X | 1905109-X | 1905099-X |
| Yellow | 50/125 μm Multimode | 1907116-X | 1905994-X | 1906014-X | 1906004-X |
| | Laser Optimized (10 Gig) (850 nm 50/125 μm) Multimode | 1907136-X | 1906072-X | 1906092-X | 1906082-X |
| | 62.5/125 μm Multimode | 1907126-X | 1828871-X | 1906053-X | 1906043-X |
| | Singlemode | 1906906-X | 1905091-X | 1905111-X | 1905101-X |
| Green | 50/125 μm Multimode | 1907117-X | 1905995-X | 1906015-X | 1906005-X |
| | Laser Optimized (10 Gig) (850 nm 50/125 μm) Multimode | 1907137-X | 1906073-X | 1906093-X | 1906083-X |
| | 62.5/125 μm Multimode | 1907127-X | 1828870-X | 1906054-X | 1906044-X |
| | Singlemode | 1906907-X | 1905092-X | 1905112-X | 1905102-X |
| Blue | 50/125 μm Multimode | 1907115-X | 1905993-X | 1906013-X | 1906003-X |
| | Laser Optimized (10 Gig) (850 nm 50/125 μm) Multimode | 1907135-X | 1906071-X | 1906091-X | 1906081-X |
| | 62.5/125 μm Multimode | 1907125-X | 1828875-X | 1906052-X | 1906042-X |
| | Singlemode | 1906905-X | 1905090-X | 1905110-X | 1905100-X |
| Orange | 50/125 μm Multimode | 1907118-X | 1906996-X | 1906016-X | 1906006-X |
| | Laser Optimized (10 Gig) (850 nm 50/125 μm) Multimode | 1907138-X | 1906074-X | 1906094-X | 1906084-X |
| | 62.5/125 μm Multimode | 1907128-X | 1906035-X | 1906055-X | 1906045-X |
| | Singlemode | 1906908-X | 1905093-X | 1905113-X | 1905103-X |
| Brown | 50/125 μm Multimode | 1907121-X | 1906999-X | 1906019-X | 1906009-X |
| | Laser Optimized (10 Gig) (850 nm 50/125 μm) Multimode | 1907141-X | 1906077-X | 1906097-X | 1906087-X |
| | 62.5/125 μm Multimode | 1907131-X | 1906038-X | 1906058-X | 1906048-X |
| | Singlemode | 1906911-X | 1905096-X | 1905116-X | 1905106-X |
| Slate | 50/125 μm Multimode | 1907123-X | 1906001-X | 1906021-X | 1906011-X |
| | Laser Optimized (10 Gig) (850 nm 50/125 μm) Multimode | 1907143-X | 1906079-X | 1906099-X | 1906089-X |
| | 62.5/125 μm Multimode | 1907133-X | 1828283-X | 1906060-X | 1906050-X |
| | Singlemode | 1906913-X | 1906040-X | 1905118-X | 1905108-X |
| Violet | 50/125 μm Multimode | 1907120-X | 1905998-X | 1906018-X | 1906008-X |
| | Laser Optimized (10 Gig) (850 nm 50/125 μm) Multimode | 1907140-X | 1906076-X | 1906096-X | 1906086-X |
| | 62.5/125 μm Multimode | 1907130-X | 1906037-X | 1906057-X | 1906047-X |
| | Singlemode | 1906910-X | 1905095-X | 1905115-X | 1905105-X |
| Rose | 50/125 μm Multimode | 1907119-X | 1905997-X | 1906017-X | 1906007-X |
| | Laser Optimized (10 Gig) (850 nm 50/125 μm) Multimode | 1907139-X | 1906075-X | 1906095-X | 1906085-X |
| | 62.5/125 μm Multimode | 1907129-X | 1906036-X | 1906056-X | 1906046-X |
| | Singlemode | 1906909-X | 1905094-X | 1905114-X | 1905104-X |
| Aqua | 50/125 μm Multimode | 1907122-X | 1906000-X | 1906020-X | 1906010-X |
| | Laser Optimized (10 Gig) (850 nm 50/125 μm) Multimode | 1907142-X | 1906078-X | 1906098-X | 1906088-X |
| | 62.5/125 μm Multimode | 1907132-X | 1906039-X | 1906059-X | 1906049-X |
| | Singlemode | 1906912-X | 1905097-X | 1905117-X | 1905107-X |

Note: All part numbers are RoHS compliant.

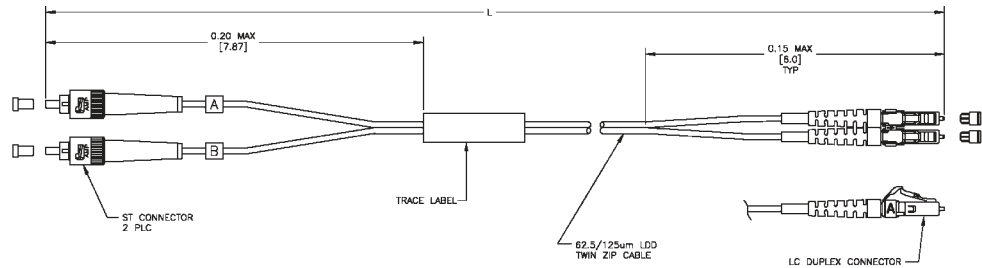
Note: X denotes length in meters: -1 = 1, -2 = 2, -3 = 3, -5 = 5, 1 -0 = 10

LC SECURE Cable Assemblies (Continued)

LC SECURE Duplex to SC Duplex



LC SECURE Duplex to Dual ST



LC SECURE Duplex to MT-RJ

