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LC Cable Assemblies

Product Facts

- For high performance applications/high density
- 125 μ m 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 μ m 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 μ m buffered fiber
- Factory terminated/factory tested



LC Cable Assembly

Performance Characteristics

Insertion Loss —

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

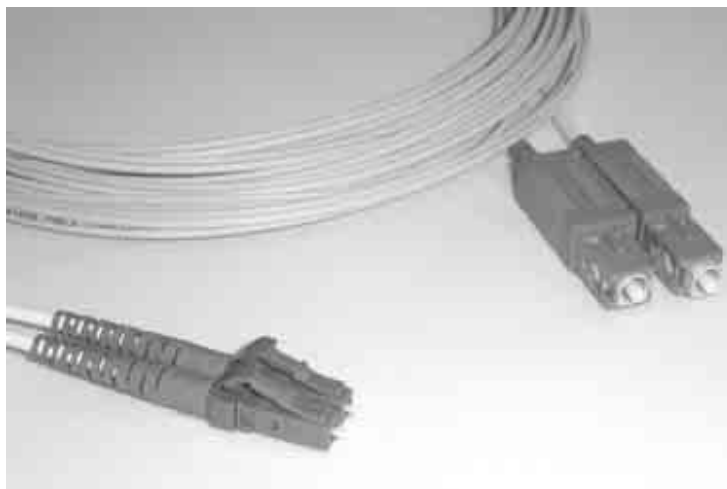
Multimode — .1 dB typ.;

.1 dB typ. σ

Return Loss —

Singlemode — 55 dB; PC endface

Multimode — 20 dB

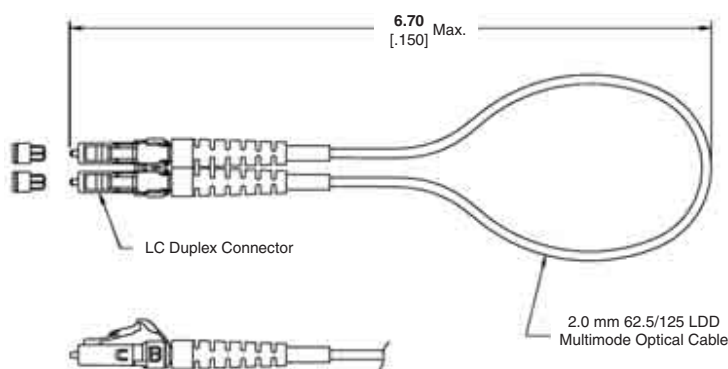


Hybrid LC-SC Cable Assembly

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
		2.0 mm Jacketed Riser	6374109-1	6374109-2	6374109-3	6374109-4	6374109-5	1-6374109-0
	LC to SC	2.0 mm Jacketed Riser	6374614-1	6374614-2	6374614-3	6374614-4	6374614-5	1-6374614-0
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	6475072-5	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
	LC to MT-RJ	1.8 mm Jacketed Riser	6374645-1	6374645-2	6374645-3	6374645-4	6374645-5	1-6374645-0
50/125 µm Multimode	LC to LC	2.0 mm Jacketed Riser	6374658-1	6374658-2	6374658-3	6374658-4	6374658-5	1-6374658-2
	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
	LC to MT-RJ	1.8 mm Jacketed Riser	6374647-1	6374647-2	6374647-3	6374647-4	6374647-5	1-6374647-0
Laser Optimized (10 Gig) (850 nm 50/125 µm) Multimode	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
	Multimode 62.5/125 µm
	Multimode 50/125 µm

Note: All part numbers are RoHS compliant.

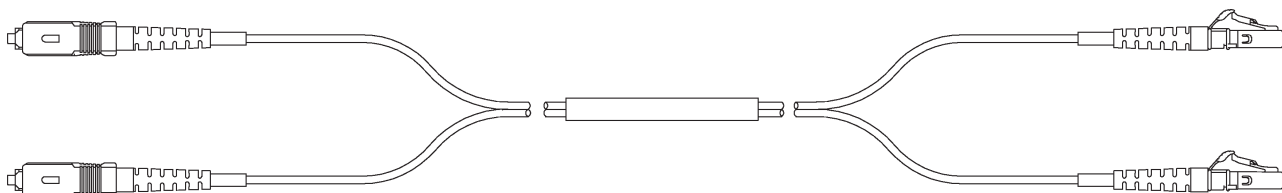


**Tyco
Electronics**

Fiber Optic Products Catalog

LC Cable Assemblies (Continued)

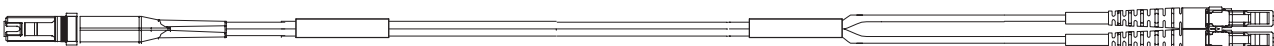
2.0 mm ZIPCORD, Singlemode LC Simplex to SC Simplex



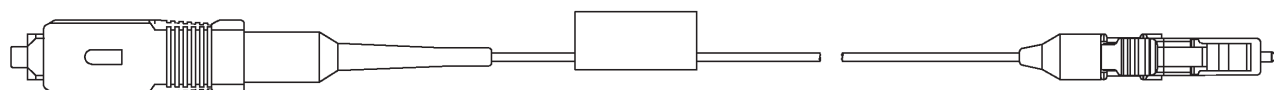
LC to Simplex SC 2.0 mm cable



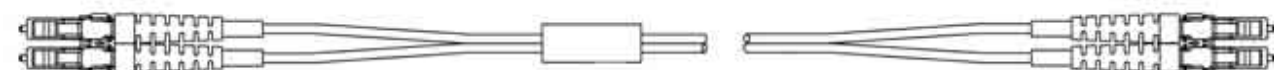
LC Duplex to MT-RJ



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



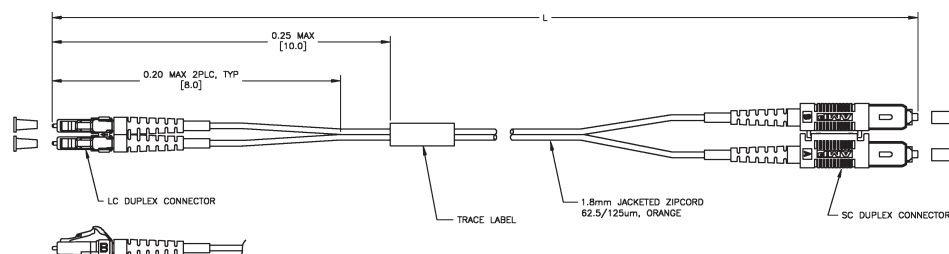
LC SECURE Color	Fiber Type	Part Numbers			
		MT-RJ	SC	LC	ST
Red	50/125 µm Multimode	1907114-X	1905992-X	1906012-X	1906002-X
	Laser Optimized (10 Gig) (850 nm 50/125 µm) Multimode	1907134-X	1906070-X	1906090-X	1905079-X
	62.5/125 µm Multimode	1907124-X	1828872-X	1906051-X	1906080-X
	Singlemode	1906904-X	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.

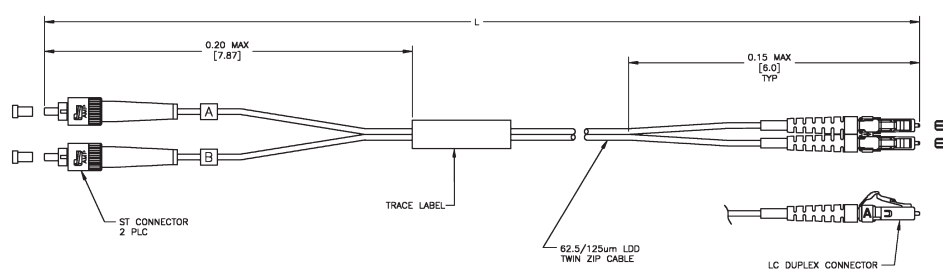
Note: X denotes length in meters: -1 = 1, -2 = 2, -3 = 3, -5 = 5, 1- -0 = 10

LC SECURE Cable Assemblies (Continued)

LC SECURE Duplex to SC Duplex



LC SECURE Duplex to Dual ST



LC SECURE Duplex to MT-RJ

