

**LIGHTCRIMP PLUS No Epoxy, No Polish LC, SC and ST Connectors**

**Product Facts**

- Multimode connector kits come with accessories needed to terminate to 250 µm fiber, 900 µm tight-buffered fiber, and 900 µm easy-strip
  - SC and ST kits also terminate 3 mm cables
- Singlemode connector kits terminate to 250 µm fiber, 900 µm tight-buffered fiber, 900 µm easy-strip and buffer tube splitter kits
- Easy installation:
  - No epoxy, no polishing
  - No bench tool required
  - Strip, cleave and crimp
- Easy identification:
  - Singlemode is blue
  - Laser Optimized (10 Gig) is aqua — 10 Gb/s applications
  - 62.5/125 µm is beige
  - 50/125 µm is black
- Match fiber type of cable to fiber type of LIGHTCRIMP PLUS
- Mates with standard couplers, adapters and adapter plates
- LC small form factor design is half the size of SC
- Tested to and meets TIA/EIA 568-B.3
- Termination tool kits on page 86

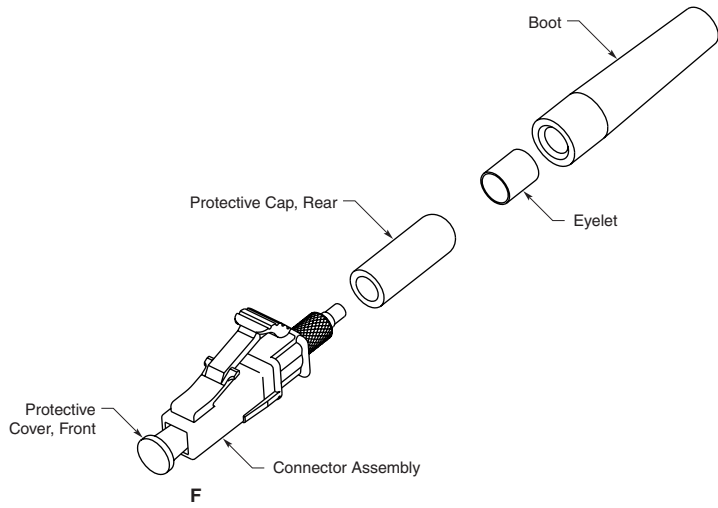


**Performance Characteristics**

**Insertion Loss** — Typical (dB)  
0.2 dB Singlemode; 0.3 dB Multimode

**Temperature Range** —  
-10°C to 60°C, tested to -40°C to 75°C

**Durability** — 500 cycles



**LIGHTCRIMP PLUS No Epoxy, No Polish LC, SC and ST Connectors** (Continued)

Connector Type	Fiber Type	Housing Color	Boot Color	Used With	Figure	Part Number	IS Sheet
Simplex LC	Singlemode	Blue	Blue	900 µm & 250 µm Fibers	A	6754482-1	408-8925
	50/125 µm Multimode	Beige	Black	900 µm & 250 µm Fibers	B	6754483-2	408-8925
	Laser Optimized (10 Gig) (850 nm LO 50/125 µm) Multimode	Beige	Aqua	900 µm & 250 µm Fibers	–	6754483-4	408-8925
	62.5/125 µm Multimode	Beige	Beige	900 µm & 250 µm Fibers	B	6754483-1	408-8925
Simplex LC Jacketed	Singlemode Jacketed	Blue	Blue	1.6 - 2.0 mm Cable	F	1918626-1	408-8925
	62.5/125 µm Multimode Jacketed	Beige	Beige	1.6 - 2.0 mm Cable	F	1918627-1	408-8925
	50/125 µm Multimode Jacketed	Beige	Black	1.6 - 2.0 mm Cable	F	1918627-2	408-8925
	Laser Optimized (10 Gig) (850 nm LO 50/125 µm) Multimode Jacketed	Gray	Aqua	1.6 - 2.0 mm Cable	F	1918627-3	408-8925
Simplex SECURE LC	50/125 µm Multimode Jacketed	Various	Various	1.6 - 2.0 mm Cable	F	1828857-X <sup>1</sup>	408-8925
	Laser Optimized (10 Gig) (850 nm LO 50/125 µm) Multimode Jacketed	Various	Various	1.6 - 2.0 mm Cable	F	1828858-X <sup>1</sup>	408-8925
	62.5/125 µm Multimode Jacketed	Various	Various	1.6 - 2.0 mm Cable	F	1828859-X <sup>1</sup>	408-8925
	Singlemode Jacketed	Various	Various	1.6 - 2.0 mm Cable	F	1828860-X <sup>1</sup>	408-8925
Duplex LC	Singlemode	Blue	Blue	900 µm & 250 µm Fibers	–	6754484-1	408-8725
	50/125 µm Multimode	Beige	Black	900 µm & 250 µm Fibers	–	6754485-2	408-8725
	Laser Optimized (10 Gig) (850 nm LO 50/125 µm) Multimode	Beige	Aqua	900 µm & 250 µm Fibers	–	6754485-4	408-8725
	62.5/125 µm Multimode	Beige	Beige	900 µm & 250 µm Fibers	–	6754485-1	408-8725
Simplex SC	Singlemode*	Blue	Blue	900 µm & 250 µm Fibers	C	6693276-1	408-4471
	50/125 µm Multimode	Beige	Black	900 µm & 250 µm Fibers, 3 mm Cable	D	6278079-2	408-4471
	Laser Optimized (10 Gig) (850 nm LO 50/125 µm) Multimode	Beige	Aqua	900 µm & 250 µm Fibers, 3 mm Cable	–	6588291-2	408-4471
	62.5/125 µm Multimode	Beige	Beige	900 µm & 250 µm Fibers, 3 mm Cable	D	5492643-1	408-4471
Duplex SC	Singlemode	Blue	Blue	900 µm & 250 µm Fibers	–	6693278-1	408-8603
	50/125 µm Multimode	Beige	Black	900 µm & 250 µm Fibers, 3 mm Cable	–	6278080-2	408-8603
	Laser Optimized (10 Gig) (850 nm LO 50/125 µm) Multimode	Beige	Aqua	900 µm & 250 µm Fibers, 3 mm Cable	–	6588292-2	408-8603
	62.5/125 µm Multimode	Beige	Beige	900 µm & 250 µm Fibers, 3 mm Cable	–	6278009-1	408-8603
ST	50/125 µm Multimode	Metallic	Black	900 µm & 250 µm Fibers, 3 mm Cable	E	6278082-1	408-4457
	62.5/125 µm Multimode	Metallic	Beige	900 µm & 250 µm Fibers, 3 mm Cable	E	5492642-2	408-4457
Duplex LC Clip		Black	—	Package of 6 clips (for use with Simplex kits)	G	1754371-2	—
Duplex SC Clip (Use 2)		Black	—	2 pieces make one clip (for use with Simplex kits)	G	6348522-1	—

**Note:** Highlighted part numbers are routinely stocked for shortest lead times.

\* Able to terminate up to 3 mm jacket.

<sup>1</sup> Dash denotes housing color: -1 Red, -2 Yellow, -3 Green, -4 Blue, -5 Rose, -6 Aqua, -7 Brown, -8 Violet, -9 Orange, 1- -0 Slate.

**Note:** All part numbers are RoHS compliant.

**LIGHTCRIMP No Epoxy, Polish SC and ST Connectors**

**Product Facts**

- No epoxy needed
- Easy installation: strip, crimp, cleave and polish
- Each connector kit comes with accessories needed to terminate to 250 μm fiber, 900 μm tight-buffered fiber, and 3 mm cables
  - Duplex part numbers contain two connectors
- Multimode connectors are suitable for use with 50/125 μm, Laser Optimized (10 Gig) (850 nm LO 50/125 μm) and 62.5/125 μm fibers
- Mates with standard couplers, adapters and adapter plates
- Meets TIA/EIA 568-B.3

**Performance Characteristics**

**Insertion Loss** — 0.4 dB typical  
**Temperature Range** — -40°C to 65°C  
**Durability** — 500 cycles



Description			Figure	Part Number	IS Sheet
Simplex SC	Multimode	Ceramic Ferrule	A	5503692-1	408-4066
Duplex SC	Multimode	Ceramic Ferrule	—	5503693-1	408-4066
	Singlemode	Ceramic Ferrule	B	5504000-1	408-9860
ST	Multimode	Stainless Steel Ferrule	C	5504034-1	408-9860
		Ceramic Ferrule	B	5504001-1	408-9860
		Polymer	—	5492168-1	408-9860

**Note:** All part numbers are RoHS compliant.