

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

Product Facts

- Multimode connector kits come with accessories needed to terminate to 250 μ m fiber, 900 μ m tight-buffered fiber, 900 μ m easy-strip, and buffer tube splitter kits
- SC and ST multimode kits also terminate 3 mm cables
- Singlemode connector kits terminate to 250 μ m fiber, 900 μ m tight-buffered fiber, 900 μ m 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
 - XG is gray — 10 Gb/s applications
 - 50/125 μ m and 62.5/125 μ m are beige
- 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
- Meets TIA/EIA 568-B.3
- Termination tool kits on page 70

Performance Characteristics

Insertion Loss — Typical (dB)
0.2 dB SM; 0.3 dB MM

Temperature Range —
-10°C to 60°C

Durability — 500 cycles



Connector Type	Fiber Type	Housing Color	Used With	Figure	Part Number	IS Sheet
Simplex LC	Singlemode	Blue	900 μ m & 250 μ m Fibers	A	6754482-1	408-8925
	50/125 μ m Multimode	Beige	900 μ m & 250 μ m Fibers	B	6754483-2	408-8925
	XG (850 nm LO 50/125 μ m) Multimode	Gray	900 μ m & 250 μ m Fibers	—	6754483-3	408-8925
	62.5/125 μ m Multimode	Beige	900 μ m & 250 μ m Fibers	B	6754483-1	408-8925
Duplex LC	Singlemode	Blue	900 μ m & 250 μ m Fibers	—	6754484-1	408-8725
	50/125 μ m Multimode	Beige	900 μ m & 250 μ m Fibers	—	6754485-2	408-8725
	XG (850 nm LO 50/125 μ m) Multimode	Gray	900 μ m & 250 μ m Fibers	—	6754485-3	408-8725
	62.5/125 μ m Multimode	Beige	900 μ m & 250 μ m Fibers	—	6754485-1	408-8725
Simplex SC	Singlemode	Blue	900 μ m & 250 μ m Fibers	C	6693276-1	408-4471
	50/125 μ m Multimode	Beige	900 μ m & 250 μ m Fibers, 3 mm Cable	D	6278079-1	408-4471
	XG (850 nm LO 50/125 μ m) Multimode	Gray	900 μ m & 250 μ m Fibers, 3 mm Cable	—	6588291-1	408-4471
	62.5/125 μ m Multimode	Beige	900 μ m & 250 μ m Fibers, 3 mm Cable	D	5492643-1	408-4471
Duplex SC	Singlemode	Blue	900 μ m & 250 μ m Fibers	—	6693278-1	408-8603
	50/125 μ m Multimode	Beige	900 μ m & 250 μ m Fibers, 3 mm Cable	—	6278080-1	408-8603
	XG (850 nm LO 50/125 μ m) Multimode	Gray	900 μ m & 250 μ m Fibers, 3 mm Cable	—	6588292-1	408-8603
	62.5/125 μ m Multimode	Beige	900 μ m & 250 μ m Fibers, 3 mm Cable	—	6278009-1	408-8603
ST	50/125 μ m Multimode	Metallic	900 μ m & 250 μ m Fibers, 3 mm Cable	E	6278082-1	408-4457
	62.5/125 μ m Multimode	Metallic	900 μ m & 250 μ m Fibers, 3 mm Cable	E	5492642-1	408-4457

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

Note: Part Numbers are RoHS compliant except: ♦ Indicates non-RoHS compliant.