

GigaPOF® LC connectors

Crimp-on LC for GigaPOF® LD cable series



GigaPOF® LC connectors are the world's simplest field-installable optical connectors. They can be used with 3-mm simplex and duplex cables containing any of our LD-series of 750 micron OD fibers, including GigaPOF-62LD and GigaPOF-120LD. The GigaPOF® LC connector is completely compatible with the industry-standard LC footprint, allowing drop-in use of GigaPOF® cables with off-the-shelf optical transceivers.

The worlds simplest optical connector

The GigaPOF® LC connector attaches to GigaPOF® fiber cables with just two crimps: a crimp in back to secure the cable sheath, and a crimp in front that permanently swages the metal ferrule onto the fiber. No adhesives, index-matching gels or other components are required. The entire process takes about a minute, and can be learned quickly by anybody.

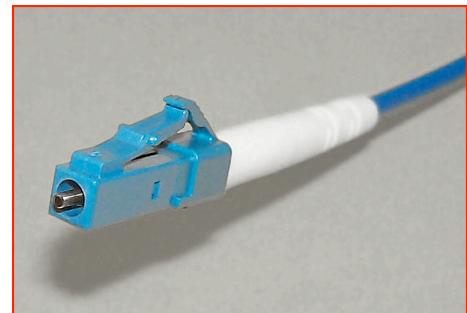
No expensive, bulky toolkit required

Field installation toolkits for glass fiber connectors can run to nearly a dozen tools and often cost thousands of dollars. With the GigaPOF® LC tool kit (part number GigaPOF-TL-KITLD-LC) there are only crimpers, strippers, and a pair of scissors. Everything fits in a single small bag, and comes at an affordable price.

Manual or automatic termination

GigaPOF® connectors can be hand-polished in under a minute. For larger installations or for factory-assembly environments, our automatic termination tool (GigaPOF-TL-MM) gives you a perfect end-face every time in about 10 seconds.

Providing simple connection solutions



Product Specifications

Physical Characteristics

Ferrule material	Aluminum
Ferrule OD (mm)	1.250 +0/-0.010
Ferrule ID (μm)	758 +8/-0
Pull-out force (N)	40

Optical Performance

Connection loss (62 μm fibers)	1.5 dB
Connection loss (120 μm fibers)	0.5 dB

Other

Maximum operating temperature (°C)	85
Compatible tool kit	GigaPOF-TL-KITLD-LC

Style	Connector Part Number	Compatible Cables
Simplex	GigaPOF-CN-SLC-LDCR	GigaPOF62LD-CB-SMP, GigaPOF120LD-CB-SMP GigaPOF62LD-CB-SMR, GigaPOF120LD-CB-SMR
Duplex	GigaPOF-CN-DLC-LDCR	GigaPOF62LD-CB-DZP, GigaPOF120LD-CB-DZP GigaPOF62LD-CB-DZR, GigaPOF120LD-CB-DZR