



GigaPOF[®] SC connectors

Crimp-on SC for GigaPOF[®] LD cable series

GigaPOF[®] SC connectors are the world's simplest field-installable optical connectors. They can be used with 2.9-mm simplex and duplex cables containing any of our LD-series of 750 micron OD fibers, including GigaPOF-62LD and GigaPOF-120LD. The GigaPOF[®] SC connector is completely compatible with the industry-standard SC footprint, allowing drop-in use of GigaPOF[®] cables with off-the-shelf optical transceivers.

Providing simple connection solutions

The worlds simplest optical connector

The GigaPOF[®] SC 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[®] SC tool kit (part number GigaPOF-TL-KITLD-SC) 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.

Product Specifications	
Physical Characteristics	
Ferrule material	Aluminum
Ferrule OD (mm)	2.495 +0/-0.012
Ferrule ID (µm)	758 +8/-0
Pull-out force (N)	40
Optical Performance	
Connection loss (62 µm fibers)	1.7 dB
Connection loss (120 µm fibers)	0.6 dB
Other	
Maximum operating temperature (°C)	85
Compatible tool kit	GigaPOF-TL-KITLD-SC

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