

Fiber Optic Connectors



Infilink Optical fiber connectors are used to join optical fibers where a connect/disconnect capability is required. Typical application for Optical fiber connectors are telephone company central offices, installations on customer premises, and outside plant applications. Connectors are used to connect equipment and cables, or to cross-connect cables within a system. The basic connector unit is a connector assembly. A connector assembly consists of an adapter and two connector plugs and comes in LC, SC, SC/APC varieties, supports both Single Mode and Multimode applications up to 10 Gbps, and supports up to 1,000 mating cycles.

Infilink Optical Fiber Connectors offer:

- Low insertion loss
- High return loss (low amounts of reflection at the interface)
- Ease of installation
- Low cost
- Reliability
- Low environmental sensitivity
- Ease of use



Key Features

- Connectors are available in different types of connectors SC, LC, ST, FC, MTRJ
- Connectors have variety of OM2, OM3 and OS1
- Extended Warranty

Companion Products

Consider these related Infilink products in your network planning:

- Infilink FO cables
- Infilink FO adapters
- Infilink FO patch cords
- Infilink FO pigtailed
- Infilink FO patch panels

SPECIFICATIONS	PERFORMANCE
• Operating Temperature	-30°C to 75°C
• Storage Temperature	-40°C to 85°C
• Ferrule hole sizes (SM)	125.5+- 0.5 (um)
• Ferrule hole sizes (MM)	127.0+- 1.0 (um)
• Insertion loss (dB)	SM <=0.2
• Insertion loss (dB)	MM<=0.3
• Return loss (dB)	SM (PC) >=50C.2
• Return loss (dB)	SM (APC) >=60
• Exchangeability (dB)	<=0.2
• Repeatability (dB)	<=0.2
• Durability (dB)	<= 0.2 typical change, 1,000 mating

ORDER CODES

Infilink FO Connector SC/PC SM	IP-FN931
Infilink FO Connector SC/PC MM	IP-FN531
Infilink FO Connector LC/PC SM	IP-FN901
Infilink FO Connector LC/PC MM	IP-FN501