

# Fiber Optic Adapters



**Infilink** full line of LC, SC, and APC couplers feature tightly toleranced slots to assure proper orientation of mated connectors. Typical applications for optical fiber couplers are in patch panels used in telephone company central offices, installations on customer premises, and outside plant applications. **Infilink** couplers feature ceramic sleeves to ensure precise alignment and signal integrity.

## **Infilink** Optical Fiber Coupler features:

- Used to connect duplex SC fiber cables
- Plastic body provides a lightweight yet durable solution
- Dust caps protect against debris and contamination
- Ceramic alignment sleeve provides precise alignment for lower loss



## Key Feature

- Adapters are available in different type of connectors SC, LC, ST, FC, MTRJ
- Adapters have variety of OM2, OM3 and OS1
- Adapters are available in Duplex and Simplex
- Extended Warranty

## Companion Products

Consider these related Infilink products in your network planning

- Infilink FO cables
- Infilink FO connectors
- Infilink FO patch cords
- Infilink FO pigtails
- Infilink FO patch panels
- Infilink MPO solution

### SPECIFICATIONS

### PERFORMANCE

• Operating Temperature	-30°C to 75°C
• Storage Temperature	-40°C to 85°C
• Sleeve	Ceramic or Bronze
• Operating Wavelength	1200 ~ 1600 nm
• 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
• RoHS compliant	

### ORDER CODES

Infilink FO Adaptor SC/PC, SM, 9/125, Duplex	IP-FA932
Infilink FO Adaptor SC/PC, MM, 50/125, Duplex	IP-FA532
Infilink FO Adaptor LC/PC, SM, 9/125, Duplex	IP-FA902
Infilink FO Adaptor LC/PC, MM, 50/125, Duplex	IP-FA502

**All Infilink FO cables come with separate OTDR test report**