

Part Number: PL-FC\*\*C

**FEATURES:**

Fiber Optic Connector :

- meets with TIA/EIA 568-B.3 standard
- panel clip for easy installation
- Snap-in designed shutter
- RoHS compliant

**APPLICATIONS:**

- Telecommunication & CATV
- LAN (including FITL, FTTH and FTTD) and Data network

**Specifications:**



Fiber Polishing Method	UPC Polish, APC Polish
Applicable fiber Diameter	Ø 250-900µm, 1.6×2.0, 2.0×3.0, Ø3.0mm(SM, MM50, MM62.5, MM10G)
Insertion Loss	≤0.25 dB
Return Loss	>45dB (SM fiber SPC polish)>50dB (SM fiber APC polish / When use with Flat cleaver ) >65dB (SM fiber APC polish / When use with Angled cleaver )  >65dB (SM fiber APC polish I When use with Angled cleaver )
Operational Temperature	-40 – +85°
Pull test	<0.2dB, 4N load( 0.125 fiber)< 0.2dB, 40N load (2x3mm, Ø 3.0mm)
Impact test	< 0.2dB, 1.5m, 10 repetitions
Durability test	< 0.2dB, 200 repetition of connecting/disconnecting
Vibrate test	< 0.2dB, 3 axes 2hr/axis, 1.5mm(peak-peak), 10 to 55Hz(45Hzlmin)
Thermal Cycle test	< 0.2dB, -40 to 75 °C, 21 cycles for 168 hours(3.0mm cable)
Humidity test	< 0.2dB, 90 to 95%RH, Temp75°C for 168hrs

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LC Series	
PL-FCLCUSM	LC/UPC Single-mode Simplex Connector
PL-FCLCASM	LC/APC Single-mode Simplex Connector
PL-FCLCUMM	LC/UPC Multi-mode Simplex Connector
PL-FCLCUM3	LC/UPC Multi-mode OM3 Simplex Connector
PL-FCLCUM4	LC/UPC Multi-mode OM4 Simplex Connector

SC Series	
PL-FCSCUSM	SC/UPC Single-mode Simplex Connector
PL-FCSCASM	SC/APC Single-mode Simplex Connector
PL-FCSCUMM	SC/UPC Multi-mode Simplex Connector
PL-FCSCUM3	SC/UPC Multi-mode OM3 Simplex Connector
PL-FCSCUM4	SC/UPC Multi-mode OM4 Simplex Connector

