

Planet

Structure Cabling Systems



WELL EXPERIENCED

More than 13 years experience
in networking industry



PROFESSIONAL TEAM

We have professional sales team
to offer fast response and engineers
to support different solutions



ABUNDANT PRODUCTS

Integrated and completed
product lines
for networking and cabling items



STANDARDS COMPLIANCE

ANSI/EIA RS-310-D, IEC2-297,
DIN4394/43491,
GB/T92-3047.2 Metric & ETSI
standard



Part Number: PL-FADxxzz

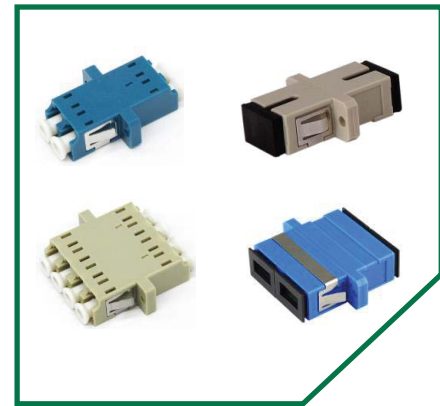
FEATURES:

Fiber Optic Adapter :

- 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:

Parameter	Single-mode	Multi-mode
Insertion Loss	≤0.2dB	
Exchangeability	0.2dB max. increase	
Repeatability (500 mating)	0.2dB max. increase	
Sleeve Material	Ceramic	Phosphor bronze
Housing Material	Plastic	
Operating Temperature	-20 °C to +85 °C	
Storage Temperature	-40 °C to +85 °C	

Part Number:

LC Adapter

Part Number	Description
PL-FADLCUSD	LC/UPC Single Mode Duplex Adapter
PL-FADLCUSQ	LC/UPC Single Mode Quad Adapter
PL-FADLCASD	LC/ APC Single Mode Duplex Adapter
PL-FADLCASQ	LC/ APC Single Mode Quad Adapter
PL-FADLCU0MD	LC/UPC Multi Mode Duplex Adapter
PL-FADLCU0MQ	LC/UPC Multi Mode Quad Adapter
PL-FADLCU3MD	LC/UPC Multi Mode OM3 Duplex Adapter
PL-FADLCU3MQ	LC/UPC Multi Mode OM3 Quad Adapter
PL-FADLCU4MD	LC/UPC Multi Mode OM4 Duplex Adapter
PL-FADLCU4MQ	LC/UPC Multi Mode OM4 Quad Adapter



SC Adapter

Part Number	Description
PL-FADSCUSS	SC/UPC Single Mode Simplex Adapter
PL-FADSCUSD	SC/UPC Single Mode Duplex Adapter
PL-FADSCASS	SC/ APC Single Mode Simplex Adapter
PL-FADSCASD	SC/ APC Single Mode Duplex Adapter
PL-FADSCU0MS	SC/UPC Multi Mode Simplex Adapter
PL-FADSCU0MD	SC/UPC Multi Mode Duplex Adapter
PL-FADSCU3MS	SC/UPC Multi Mode OM3 Simplex Adapter
PL-FADSCU3MD	SC/UPC Multi Mode OM3 Duplex Adapter
PL-FADSCU4MS	SC/UPC Multi Mode OM4 Simplex Adapter
PL-FADSCU4MD	SC/UPC Multi Mode OM4 Duplex Adapter



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

Part Number: PL-FC**C

Part Number:

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





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