

# 1x8 PLC Splitter Single Mode Blockless



1x8 Fiber PLC Splitter Singlemode G.657A1 fiber, 900µm input/output, 1260-1650nm, mainly used in 8,16 cores optical distribution box

- Free 1x8 Fiber PLC Splitter SM Sample for evaluation
- Quick Delivery on Trial Order or Bulk Order
- Well Made Premium Fiber Cable
- Plastic Packing Protection from Shipment
- 900µm loose tube fiber for easy stripping, splicing, or terminating
- PLC splitting mechanism divides input signal into equal parts across all output fibers

Characteristics	Application
Low insertion loss Low Polarization Dependent Loss Excellent Environmental Stability Excellent Mechanical Stability Telcordia GR-1221 and GR-1209 Available in dual/three wavelength operation Optional connectors termination upon request Available in 250um & 900um fiber, 2mm or 3mm	FTTH, LAN, PON & Optical CATV Local ring net, Optical fiber communication system Optical fiber test equipment, Optical fiber sensor

## DESIGN & MATERIALS

PLC Splitter Type	1x8 PLC Splitter	Loss Uniformity ( $\leq$ ) dB	0.8
Configuration Type	1x8	Polarization Dependent Loss ( $\leq$ ) dB	0.3
Connector Type	SC/APC, SC/UPC, LC FC ST	Wavelength Dependent Loss ( $\leq$ ) dB	0.3
Fiber Length	1m or 1.5m or Requested	Return Loss ( $\geq$ ) dB	50
Package Style	Blockless	Directivity ( $\geq$ ) dB	55
Fiber Type	Singlemode G657A1 or G652D	Temperature Dependent Loss ( $\leq$ ) dB	0.5
Operating Bandwidth	1260~1650nm	Max Temperature Dependent Loss (-40~85°C)	0.5
Fiber Diameter	0.9mm	Operating Temperature (°C)	-40~85
Typical Insertion Loss ( $\leq$ ) dB	10.2	Storage Temperature (°C)	-40~85
Insertion Loss ( $\leq$ ) dB	10.7	Sealing Package Dimension (mm)	50*4*4