1×2 PLC Splitter Single Mode Blockless PLC Fiber Optic Coupler(7233203)

Features:

- Telcordia GR-1221 and GR-1209
- Low Polarization Dependent Loss
- High optical return loss
- Excellent Environmental Stability
- Optional connectors termination upon request
- Available in 250um & 900um fiber, 2mm or 3mm
- 900μm loose tube fiber for easy stripping, splicing, or terminating
- SC/APC,SC/UPC,LC FC ST or other Customized Connectors
- Low Insertion Loss
- Plastic Module Package for Safe Protection
- Different Fiber Cable Diameters Supplied

1x2 PLC Splitter Application：

- FTTH, LAN, PON & Optical CATV
- Local ring net, Optical fiber communication system
- Optical fiber test equipment, Optical fiber sensor

1x2 PLC Splitter Specification

PLC Splitter Type	1×2 PLC Splitter
Configuration Type	1×2
Operating Wavelength (nm)	1260~1650nm
Fiber Length	1m or 1.5m or Requested
Bandwidth (nm)	20nm
Package Style	Blockless
Fiber Type	Singlemode G657A1 or G652D
Fiber Diameter	0.9mm
Polarization Dependent Loss (≤) dB	0.2
Wavelength Dependent Loss (≤) dB	0.3
Typical Insertion Loss (≤) dB	3.9
Insertion Loss (≤) dB	4.2
Loss Uniformity (≤) dB	0.4
Operating Temperature (°C)	-40 ～ 85
Storage Temperature (°C)	-40 ～ 85
Sealing Package Dimension (mm)	40*4*4
Blockless Sealing Package Dimension (mm)	40*4*4
Connector Type	SC/APC,SC/UPC,LC FC ST
Brand	HELLOSIGNAL® OR OEM
Delivery time	Normally 25 days after received the deposit.
MOQ	20pcs

Introduction to 1x2 PLC Splitter

This 1X2 PLC Splitter with 1 input and 2 output fibers with an even split ratio across all fibers regardless of input wavelength. PLC Splitters are availble with 900μm loose tube singlemode fiber and terminated or unterminated as per your needs. Unconnectorized PLC splitters come with no connectors for easy splicing or connectorization. Connectorized PLC Splitters are available with your choice of Fiber Optic Connectors: LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, and ST/UPC.

Performance Specifications:

Parameter		1 x N PLC Splitter; 2 x N PLC Splitter						
Parameter		1x2	1x4	1x8	1x16	1x32	1x64	1x128
		2x2	2x4	2x8	2x16	2x32	2x64	2x128
Operating Wavelength(mm)		1260~1650						
Fiber Type		G657A1 or Customized						
Insertion Loss (dB) (P/S Grade)	1 x N	3.8/4.0	7.2/7.	10.3/10	13.5/13.7	16.5/16.9	20.5/21.0	23.8/24.2
	2 x N	3.9/4.2	7.3/7.	10.5/11	14.4/14.6	17.4/17.9	21.0/21.5	24.5/25.0
Loss Uniformity (dB)		< 0.4	< 0.6	< 0.8	< 1.0	< 1.5	< 2.0	< 2.5
PDL(dB)		< 0.2	< 0.2	< 0.2	< 0.3	< 0.3	< 0.4	< 0.4
Return Loss (dB)		> 55	> 55	> 55	> 55	> 55	> 55	> 55
Directivity (dB)		> 55	> 55	> 55	> 55	> 55	> 55	> 55
Wavelength Dependent Loss (dB)		< 0.5	< 0.5	< 0.5	< 0.5	< 1.0	< 1.0	< 1.0
Fiber Length (m)		1m or Customized						
Temperature Stability(- 20~+80°C)		< 0.5						
Operating Temperature (°C)		- 20~+80						
Storage Temperature (°C)		- 40~+80						
Maximum Power Handing(mW)		500.0						

Notice：Above specifications are for devices without connector. Add an additional 0.2dB loss per connector.

Important Alternative Information

A	B	D	F	F
Port	Package	Fiber	Fiber Length	Connector
0102 = 1x2 0104 = 1x4 0108 = 1x8 0116 = 1x16 0132 = 1x32 0164 = 1x64 1128 = 1x128 0202 = 2x2 0204 = 2x4 0208= 2x8 0216 = 2x16 0232=2x32 0264 = 2x64 2128 = 2x128	1=Bare 2=Blockless 3=ABS Box Module 4=Insert Box 5=Pallet Type 6=Rackmount Z=Customized	0=250 um 1=900 um 2=2.0mm 3=3.0mm	0=0.5m 1=1.0m 2=1.5m 3=2.0m 4=3.0m 5=4.0m Z=Customized	0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST Z=Customized