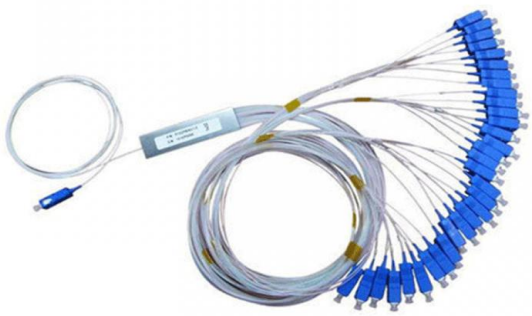
PLC Splitter 1×32 Single Mode Blockless PLC Fiber Optic Coupler(7233205)



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 ITU G.657A1 for fiber input/output
- 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

PLC Splitter 1x32 Application:

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

PLC Splitter 1x32 Specification

PLC Splitter Type	1×32 PLC Splitter
Configuration Type	1×32
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	0.3
Wavelength Dependent Loss (≤) dB	0.5
Typical Insertion Loss (≤) dB	16.2
Insertion Loss (≤) dB	17.1
Loss Uniformity (≤) dB	1.5
Operating Temperature (°C)	-40 ～ 85
Storage Temperature (°C)	-40 ～ 85
Sealing Package Dimension (mm)	60*7*4
Blockless Sealing Package Dimension (mm)	80*20*6
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 PLC Splitter 1x32

PLC Splitter 1×32 Single Mode PLC Splitter (Planar Lightwave Circuit Splitter) with Fan Out & SC/APC Connectors

PLC stands for Planar Lightwave Circuit. PLC splitters are used to distribute or combine optical signals. It is based on planar lightwave circuit technology and provides a low cost light distribution solution with small form factor and high reliability.

PLC Splitters provide a cost effective and space saving product suitable to the ever changing networking requirements. With it's compact size, these splitters can be utilized in in-ground and aerial pedestals as well as rack mount systems.

Installation is simple using a variety of connector types or fusion splicing.

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