

## PLC Splitter 1×16 Single Mode Blockless 0.9mm Fiber Cable with SC/UPC SC/APC Connectors(7233201)



### 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
- Available in dual/three wavelength operation
- 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

### Blockless PLC Splitter 1x16 Application:

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

## Blockless PLC Splitter 1x16 Specification

Input & Output	1×16 PLC Splitter
Configuration Type	1×16
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	13.2
Insertion Loss (≤) dB	13.7
Loss Uniformity (≤) dB	1.2
Operating Temperature (°C)	-40 ~ 85
Storage Temperature (°C)	-40 ~ 85
Sealing Package Dimension (mm)	50*7*4
Blockless Sealing Package Dimension (mm)	60*12*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 Blockless PLC Splitter 1x16

PLC Splitter 1×16 Single Mode Blockless PLC Fiber Optic Splitter 0.9mm Fiber Cable with SC/UPC SC/APC Connectors are Single Mode Splitters with an even split ratio from one input fiber to multiple output fibers. This PLC Splitter is a 1×16, with 1 input and 16 output fibers with an even split ratio across all fibers regardless of input wavelength. PLC Splitters 1×16 are available 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						
		1x2	1x4	1x8	1x16	1x32	1x64	1x128
Parameter		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 Handling(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	1=Bare	0=250	0=0.5m	0=None
0104 = 1x4	2=Blockless	um	1=1.0m	1=FC/APC
0108 = 1x8	3=ABS Box Module	1=900	2=1.5m	2=FC/UPC
0116 = 1x16	4=Insert Box	um	3=2.0m	3=SC/APC
0132 = 1x32	5=Pallet Type	2=2.0mm	4=3.0m	4=SC/UPC
0164 = 1x64	6=Rackmount	3=3.0mm	5=4.0m	5=LC/APC
1128 = 1x128	Z=Customized		Z=Customized	6=LC/UPC
0202 = 2x2				7=ST
0204 = 2x4				Z=Customized
0208= 2x8				
0216 = 2x16				
0232=2x32				
0264 = 2x64				
2128 = 2x128				