

PLC SPLITTER Top one quality of china Optic fiber Cable manufacturer



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MIRO PLC SPLITTER



Service Hotline:
+86-755-2377 8221
Email:ceo@szopticfiber.com

Optical Splitter PLC Cassette Package

Overview

This optical splitter use Planer Lightwave Circuit (PLC) technology for split ratio 2, 4, 8, 16, 32 and 64. Optical splitter cassette type refers to the port 2.0mm / 3.0mm slip-onfiber multi channel direct output with a plastic box packaging protection and easy to use. Application for FTTX network, LAN/WAN or CATV network.

Features

- Low Insertion loss
- Low PDL
- Compact Design
- Good channel-to-channel uniformity
- Wide Operating Wavelength: From 1260nm to 1650nm
- Wide Operating Temperature: From -40°C to 85°C
- High Reliability and Stability

4. Specifications:

Table1. 1XN PLC splitter(with connector)

Parameters	1x2	1x4	1x8	1x16	1x32	1x64
Operating Wavelength (nm)	1260~1650					
Insertion Loss (dB)	≤4.3	≤7.5	≤11.0	≤14.0	≤17.0	≤21.0
Loss Uniformity (dB)	≤0.6	≤0.6	≤0.8	≤1.2	≤1.5	≤1.8
PDL (dB)	≤0.2	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3
Return loss(dB)	UPC≥50dB; APC≥55dB					
Directivity (dB)	≥55					
Pigtail Length (m)	1m or customer specified					
Fiber Type	G657A or customer specified					
Operation temperature(°C)	-40~85					
Note:	<p>All measurements were done at room temperature.</p> <p>Above parameters all testing at 1310nm,1550nm wavelength, if it test at 1260~1300nm,1600~1650nm,then insertion loss would be add 0.3dB based on above parameters.</p>					

Table2.2XN PLC splitter(with connector)

Parameters	2x2	2x4	2x8	2x16	2x32	2x64
Operating Wavelength (nm)	1260~1650					

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Insertion Loss (dB)	≤4.5	≤8.0	≤11.7	≤14.7	≤17.9	≤21.2
Loss Uniformity (dB)	≤0.8	≤1.0	≤1.0	≤1.5	≤2.0	≤2.5
PDL (dB)	≤0.2	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3
Return loss(dB)	UPC≥50dB; APC≥55dB					
Directivity (dB)	≥55					
Pigtail Length (m)	1m or customer specified					
Fiber Type	G657A or customer specified					
Operation temperature(°C)	-40~85					

Note:

All measurements were done at room temperature.

Above parameters all testing at 1310nm,1550nm wavelength, if it test at 1260~1300nm,1600~1650nm,then insertion loss would be add 0.3dB based on above parameters.

Ordering Information

Part Number: **PLC-208BF 1 1m LU- 4 1m LU**



- 1** Configuration 102=1x2, 104=1x4, 108=1x8, 208=2x8, 116=1x16, 232=2x32, etc.
- 2** Package BF=Bare Fiber, CP=Cassette package, MT=Micro Tube, RM=Rack mount.
- 3** Input Fiber Type 1=250um, 2=900um, 3=2.0mm
- 4** Input Fiber Length Length in meter, i.e. 1m=1m, 1.5m=1.5m
- 5** Input Connector Blank=no connector, LU=LC/UPC, SU=SC/UPC, SA=SC/APC, etc.
- 6** Output Fiber Type 1=250um, 2=900um, 3=2.0mm, 4=Bare Ribbon
- 7** Output Fiber Total Length Length in meter, i.e. 1=1m, 1.5=1.5m
- 8** Output Connector Blank=no connector, LU=LC/UPC, SU=SC/UPC, SA=SC/APC, etc.

Packing Info

- A.Transparent plastic box(As default)
- B.Standalone carton box
- C.Economical packing -- One carton box contains several items

