

Optical Splitter PLC Rack Mount

PLC-RM

Overview

This optical splitter rack mount use Planer Lightwave Circuit (PLC) technology for split ratio 2, 4, 8, 16 and 32. Optical splitter rack mount is using metal box packaging which can be installed in 19" frame or cabinet. 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



Specification

Characteristics	Unit	Value/Performance											
Operating Wavelength	nm	1260 - 1650, others on request											
Port Configuration	-	1x2	1x4	1x8	2x4	2x8	1x16	2x16	1x32	2x32	1x64	2x64	
Insertion Loss	dB	≤4.0	≤7.3	≤10.5	≤7.6	≤11.0	≤13.7	≤14.4	≤16.9	≤17.5	≤21.0	≤21.0	
Uniformity	dB	≤0.4	≤0.6	≤0.8	≤1.0	≤1.2	≤1.2	≤1.5	≤1.5	≤1.8	≤2.0	≤2.2	
PDL	dB	≤0.2	≤0.2	≤0.2	≤0.2	≤0.3	≤0.25	≤0.3	≤0.3	≤0.4	≤0.35	≤0.4	
Directivity	dB	≥55											
Operating Temperature	°C	-20 ~ +70											
Storage Temperature	°C	-40 ~ +85											
Max. Power	mW	300											
Lead Length	m	1, others on request											
Package Type	-	Box, square tube with bare ribbon, flat tube with 900um fibers											
Dimension	Cassette	mm	100x80x10				120x80x18			140x115x18			
	Sq. Tube	mm	40x4x4		50x4x4			50x7x4		60x7x4		60x12x4	N.A.
	Flat Tube	mm	50x7x4		60x7x4			60x12x4		80x20x6		N.A.	

Ordering Information

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

1 2 3 4 5 6 7 8

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.