

PM PLC Splitter Module(2xN)

Features

Low Insertion Loss
High Return Loss
High Extinction Ratio
High Reliability
High Stability

Applications

EDFA & Raman Amplifier
Fiber Sensor
Fiber Optical Instrument
Power Monitoring System

Specifications

Parameter	Unit	Value			
Type	-	2x2	2x4	2x8	2x16
Center Wavelength	nm	1550 or 1310			
Max. Insertion Loss	dB	4.2	7.6	11.0	14.4
Max.Wavelength Dependent Loss	dB	0.6	0.6	0.6	0.8
Uniformity	dB	0.9	1.1	1.2	1.5
Min. Extinction Ratio at 23℃	dB	18			
Min. Return Loss	dB	50			
Max. Insertion Temperature Stability(-40~85 ℃)	dB	0.5			
Max. Optical Power(CW)	mW	300			
Max. Tensile Load	N	5			
Fiber Type	-	PM1550 fiber or PM1310 fiber			
Operating Temperature	℃	-5~+70			
Storage Temperature	℃	-40~+85			
Mini Package Dimensions	mm	40x4x4	40x4x4	40x4x4	50x7x4
Package Dimensions(ABS Box)	mm	100x80x10	100x80x10	100x80x10	120x18x10

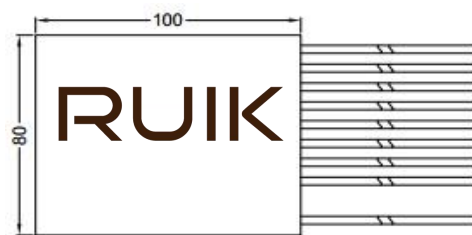
For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.

The default connector key is aligned to slow axis.

Package Dimensions



Mini Size:Both Axis Working
250μm/900μm



ABS Box:Both Axis Working or Fast Axis Blocked
250μm/900μm/2.0mm/3.0mm

Ordering Information

PMPLC-1111-2223-444-567-8

1111	-Center Wavelength:	1550=1550nm, 1310=1310nm
222	-Port Number:	202=2x2, 204=2x4,....., 208=2x8,.....216=2x16
3	-Axis Alignment:	B=Both axis working, F=Slow axis working, Fast axis blocked(only for ABS box)
4	-Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
5	-Package Dimension:	S=Mini size (only bare fiber & 900μm loose tube), L= ABS box
6	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube, 2=2.0mm loose tube, 3=3.0mm loose tube
7	-Fiber Length:	0=0.8m,1=1m
8	-Connector Type:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC