

PM FWDM Device 2000P/1550R

Features

Low Insertion Loss
High Return Loss
High Reliability & Stability

Applications

CATV System
CWDM/DWDM Module
EPon/Gpon Networks

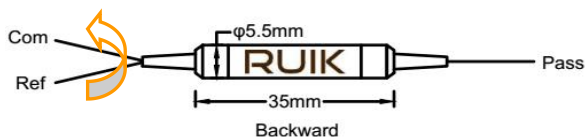
Specifications

Parameters	Unit	Values
Type	nm	2000/1550
Transmission Wavelength	nm	1950~2050
Reflection Wavelength	nm	1520~1580
Max.Insertion Loss of Transmission Channel	dB	0.8
Max.Insertion Loss of Reflection Channel	dB	0.8
Min.Transmission Isolation@Reflection Wavelength	dB	25(Typ. 30)
Min.Reflection Isolation@Transmission Wavelength	dB	12(Typ. 15)
Min.Extinction Ratio at 23℃	dB	18
Min.Return Loss	N	50
Max.Power Handling (CW)	mW	300
Fiber Type	-	PM Panda fiber
Operating Temperature	℃	0~+70
Storage Temperature	℃	-40~+85

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



Signal Route: Com to Pass

Pump Route: Ref to Com



Signal Route: Pass to Com

Pump Route: Ref to Com

Ordering Information

PMFWDM-1111-23-444-555-678-999

1111	-Operating Wavelength:	2055=T2000nm/R1550nm
2	-Pump Type:	F=Forward, B=Backward
3	-Axis Alignment for Signal Route:	B=Both Axis Working, F=Slow Axis Working, Fast Axis Blocked
444	-Fiber Type for Com & Pass:	001=PM1550, 008=SMF-28E, 045=Nufern PM1950, 046=Nufern SM1950
555	-Fiber Type for Ref	001=PM1550, 008=SMF-28E, 045=Nufern PM1950, 046=Nufern SM1950
6	-Package Dimension:	0=φ5.5x35mm, S=Specified
7	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
8	-Fiber Length:	0=0.8m, 1=1m
999	-Connector for Com,Ref, Pass:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC