

PM FWDM Device(T1550R980)

Features

- Low Insertion Loss
- High Return Loss
- High Reliability & Stability

Applications

- CATV System
- CWDM/DWDM Module
- EPon/Gpon Networks

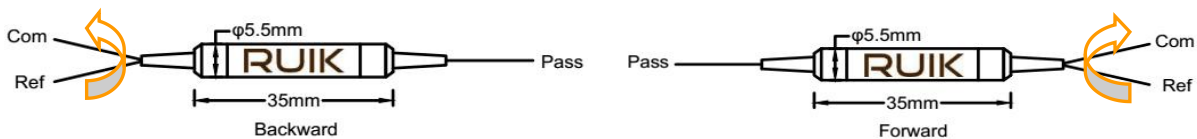
Specifications

Parameters	Unit	Values
Type	nm	5598
Transmission Wavelength	nm	1520~1580
Reflection Wavelength	nm	960~990
Max.Insertion Loss of Transmission Channel	dB	0.7
Max.Insertion Loss of Reflection Channel	dB	0.5
Min.Transmission Isolation@Reflection Wavelength	dB	30
Min.Reflection Isolation@Transmission Wavelength	dB	15
Max.Channel Flatness	dB	0.4
Min.Extinction Ratio at 23℃	dB	18
Max. Wavelength Thermal Stability	nm/℃	0.003
Max. Insertion Loss Thermal Stability	dB/℃	0.005
Min.Return Loss	N	50
Max.Power Handling (CW)	mW	300
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:	5548=T1550nm/R1480nm, 5598=T1550nm/R980nm
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, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
555	-Fiber Type for Ref	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
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