

Polarization Maintaining Filter WDM

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	1064/980	1550/980	1550/1064	1550/1480
Transmission Wavelength	nm	1020~1080	1520~1580	1520~1580	1535~1565
Reflection Wavelength	nm	960~990	960~990	1020~1080	1480±10
Max.Insertion Loss of Transmission Channel	dB	0.8	0.7	0.8	0.8
Max.Insertion Loss of Reflection Channel	dB	0.6	0.5	0.6	0.6
Min.Transmission Isolation@Reflection Wavelength	dB	25	30	25	25
Min.Reflection Isolation@Transmission Wavelength	dB	12	15	12	12
Max.Channel Flatness	dB	0.4			
Min.Extinction Ratio at 23°C	dB	18			
Max.Wavelength thermal stability	nm/°C	0.003			
Max.Insertion loss thermal Stability	dB/°C	0.005			
Min.Return Loss	N	50			
Max.Power Handling (CW)	mW	300			
Fiber Type	-	PM Panda fiber			
Operating Temperature	°C	0~+70			
Storage Temperature	°C	-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



Ordering Information

PMFWDM-1111-2345-666

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|----------------------|--|
| 1111 -Operating | 5548=T1550nm/R1480nm, 5598=T1550nm/R980nm, 0608=T1064nm/R980nm,..... |
| 2 -Port Number | 1=1x1, 2=1x2 |
| 3 -Fiber type | 1=PM Panda fiber |
| 4 -Pigtail type: | 0=250 bare fiber, 1=900um loose tube |
| 5 -Fiber length: | 0=0.8m,1=1m |
| 666 -Connector type: | 0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC |