

# PM Filter WDM

## Descriptions

The PM Filter WDM is characterized with low insertion loss, Wide Pass Band, high return loss, excellent environmental stability and reliability.

## Features

- ▶ Wide Pass Band
- ▶ Low Insertion Loss
- ▶ High Return Loss
- ▶ High Extinction Ratio
- ▶ High stability & Reliability

## Applications

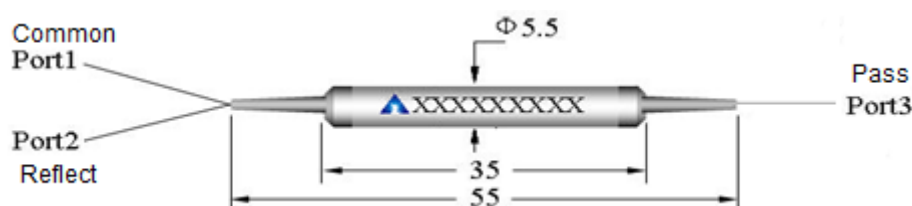
- ▶ Fiber Laser
- ▶ Fiber Sensors
- ▶ Fiber Amplifier



## Specifications

Parameters	Unit	Values			
Type	nm	1064/980	1590/980	1550/1064	1550/1480
Transmission Wavelength	nm	1020~1080	1560~1610	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℃	dB	20			
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			
Fiber Type	-	PM Panda fiber			
Operating Temperature	℃	0~+70			
Storage Temperature	℃	-40~+85			

Remark: The Above specifications is without connector. IL is 0.30dB higher, RL is 5dB lower and ER is 3dB lower for each connector added. The default connector key is aligned to slow, the connector handle power ≤0.5W



## Ordering Information

PMFWDM - A — B — C - D — E — F		
<b>A</b>	Wavelength	T1064/R980, T1590/R980, T1550/R1064, T1550/R1480 or others
<b>B</b>	Fiber Type	PM980, PM1550 or others
<b>C</b>	Pigtail Type	BF=Bare Fiber, 0.9=0.9mm Tube
<b>D</b>	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
<b>E</b>	Package Size	5..5x35mm or others
<b>F</b>	Fiber length	003=0.3m, 005=0.5m; 010=1.0m 100=10m etc
For example: PMFWDM- T1590/R980-PM1550/PM980 -BF -N-5.5x35-010		