

PM Filter WDM

(T1550/R980)

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

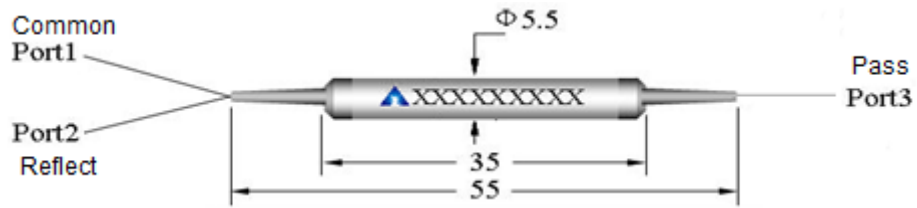
- ▶ Fiber Laser
- ▶ Fiber Sensors
- ▶ Fiber Amplifier



Specifications

Parameters		Unit	Values
Pass Band	Wavelength Range	nm	1520~1580
	Max. Insertion Loss	dB	0.7
	Typ. Insertion Loss	dB	0.5
	Min. Isolation	dB	25
	Typ. Isolation	dB	30
Reflection Band	Wavelength Range	nm	960~990
	Max. Insertion Loss	dB	0.6
	Typ. Insertion Loss	dB	0.4
	Min. Isolation	dB	12
	Typ. Isolation	dB	15
Min. Return Loss		dB	50
Min. Directivity(over 960~990nm)		dB	60
Min. Extinction Ratio		dB	20
Typ. Extinction Ratio		dB	22
Thermal Stability		dB/°C	≤0.005
Max. Optical Power (CW)		mW	500
Max. Tensile Load		N	5
Fiber Type			PM 1550 Panda Fiber for Port 1/3, Hi 1060 Fiber for Port 2
Operating Temperature		°C	-5 to +70
Storage Temperature		°C	-40 to +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 $\leq 0.5W$



Ordering Information

PMFWDM - A - B - C - D - E - F - G		
A	Wavelength	T1550/R980, or others
B	Fiber Type (Pass and Common Port)	PM1550
C	Fiber Type (Reflection Port)	HI 1060
D	Pigtail Type	BF=Bare Fiber, 0.9=0.9mm Tube
E	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
F	Package Size	5.5x35mm or others
G	Fiber length	003=0.3m, 005=0.5m; 010=1.0m 100=10m etc
For example: PMFWDM- T1550/R980-PM1550-Hi1060-BF -N-5.5x35-010		