

Filter WDM

Descriptions

The 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 stability & Reliability

Applications

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

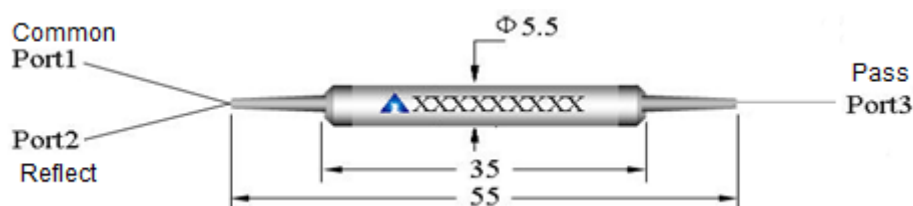


Specifications

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			
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	-	SM fiber			
Operating Temperature	°C	0~+70			
Storage Temperature	°C	-40~+85			

Remark: The Above specifications is without connector. IL is 0.30dB higher, RL is 5dB lower for each connector added.

The default connector key is aligned to slow, the connector handle power ≤0.5W



Ordering Information

FWDM - A - B - C - D - E - F		
A	Wavelength	1064/980,T1550/R980, 1550/1064,or others
B	Fiber Type	SMF-28e, Hi1060
C	Pigtail Type	BF=Bare Fiber,0.9=0.9mm Tube
D	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC,SC/APC, FC/UPC, FC/APC,etc
E	Package Size	5.5x35mm or others
F	Fiber length	003=0.3m, 005=0.5m; 010=1.0m 100=10m etc
For example: FWDM- T1064/R980-Hi1060 -0.9 -FC/APC-5.5x35-010		