

PM Fiber DWDM Filter

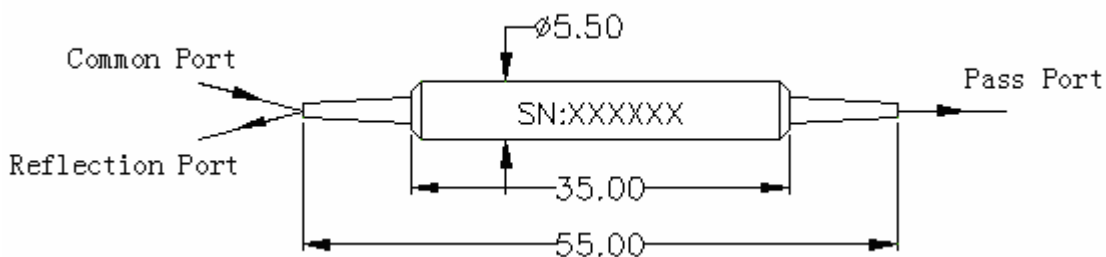
Features	
Low Insertion Loss High Extinction Ratio & Isolation High stability and reliability	
Application	
DWDM System Sensor Fiber optical testing equipment	

Specifications

Type Parameter		100Ghz	200Ghz
Center wavelength CWL (nm)		1529.55~1561.42 (ITU 20~ 60)	
Bandwidth @0.5dB (nm)		≥0.2	≥0.5
Pass Band	Insertion loss (dB)	≤1.2	≤1.0
	Isolation (dB)	≥25	≥25
Reflection Band	Insertion loss (dB)	≤0.5	≤0.5
	Isolation(dB)	≥12	≥12
Extinction Ratio @ 23°C(dB)		≥20	≥20
Directivity (dB)		≥50	≥50
Return Loss (dB)		≥50	≥50
Center Wavelength Stability (nm/°C)		≤0.002	
Thermal Stability (dB/°C)		≤0.005	
Power handling (mW)		≤300	
Operating temperature (°C)		-5 ~ +70	
Storage temperature (°C)		-40 ~ +85	
Fiber Type		PM Panda fiber	
Dimensions (mm)		φ5.5×L35	

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:

PMDWDM	Channel Type	Spacing	ITU Channel	Pigtail Type	Fiber Type	Length	Connector
	1=1ch	1=100Ghz 2=200Ghz	21=21ch 22=22ch 60=60ch	250=250um bare fiber 900=900um loose tube	5=Panda fiber	0.8=0.8 m X=Specify	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other