

1550nm PM Band Pass Filter

Features

Low Polarization Dependent Loss
Flat and Wide Passband
High Reliability

Applications

Long Haul DWDM System
Metro DWDM System
Access/Enterprise Network
Test Instrument

Specifications

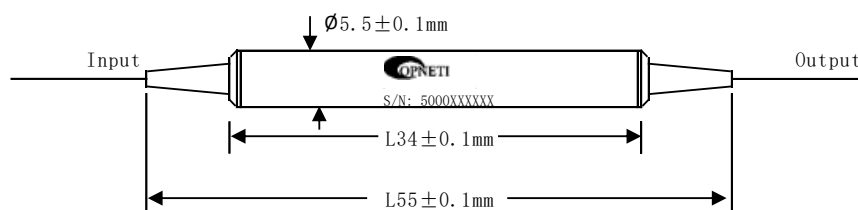
Parameters	Unit	Values			
Operating Wavelength	nm	1260~1620			
Central Wavelength	nm	1550			
CWL Tolerance	nm	±0.1	±0.2	±0.3	±0.4
Min. Filter Pass Band @ 0.5dB	nm	2	5	6	10
Max. Insertion Loss over Pass Band	dB	0.7	0.7	0.7	0.7
Isolation at Pass Band	dB	≥30			
Isolation at Stop Band	dB	≥15			
Extinction Ratio	dB	≥20			
Directivity	dB	≥55			
Return Loss	dB	≥50			
Power Handling	mW	≤500			
Operating Temperature	°C	0 ~ +70			
Storage Temperature	°C	-40 ~ +85			
Dimensions	mm	φ5.5×L34			

* Insertion Loss +0.2dB, Extinction Ratio -2dB and Return Loss -5dB if add connector.

* RoHS Compliant.

* The default connector key is aligned to slow axis.

Package Dimensions



Ordering Information

PMBPF- ①①①-②②②②-③-④④④④-⑤⑤⑤⑤-⑥-⑦⑦

①	Port	1x1;
②	Wavelength	1550;
③	Pass Bandwidth	2=2nm; 5=5nm; 6=6nm; 10=10nm;
④	Pigtail Type	250=250um Fiber; 900=900um Loose Tube;
⑤	Fiber Type	P15=PM1550;
⑥	Fiber Length	1=1m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;