

3-PORT BANDPASS FILTER WDM

Features

- Low insertion loss & high isolation
- Excellent thermal stability
- Optical path epoxy free
- Telcordia compliant
- RoHS compliant

Applications

- WDM module integration
- OADM system

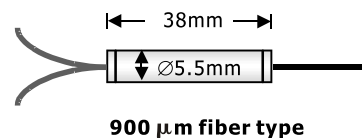
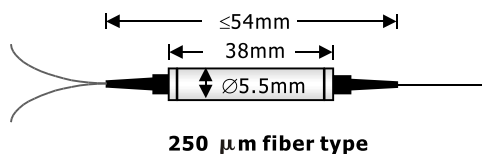


Specifications

Parameter	Specification				Unit
Operating Wavelength Range	C/L band				
Function	100G 4S0	100G 4S1	100G 8S1	100G 8S2	
Single Channel Clear Passband	±0.1	±0.11	±0.11	±0.11	nm
Transmission Insertion Loss	Max	1.2	1.0	1.0	dB
Reflection Insertion Loss	Max	0.6	0.6	0.6	dB
Passband Ripple	Max	0.4	0.35	0.35	dB
Transmission Isolation	Min	20	25	20	dB
Reflection Isolation	Min	12	12	12	dB
Return Loss	Min	45	45	45	dB
Directivity	Min	45	45	45	dB
Polarization Dependent Loss	Max	0.15	0.15	0.15	dB
Polarization Mode Dispersion	Max	0.1	0.1	0.1	ps
Operating Temperature Range	0~+70				°C
Storage Temperature Range	-40~+85				°C
Maximum Power Handling	300				mW
Package Dimension (L* Ø)	38*5.5				mm

1. All values referenced without connector.
2. Customized design available upon request.

Dimension



Order Information

BPF- A - B - C

A	Function	141: 100G 4S1 181: 100G 8S1.....
B	Fiber Type	1: 250 μm bare fiber 2: 900 μm tight buffer fiber
C	Connector Type	0: Without connector 1: FC/PC 2: FC/UPC 3: FC/APC 4: SC/PC 5: SC/UPC 6: SC/APC 7: ST 8: LC 9: MU X: Customized