

## 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

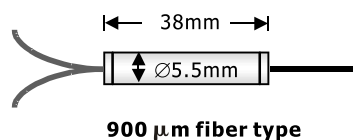
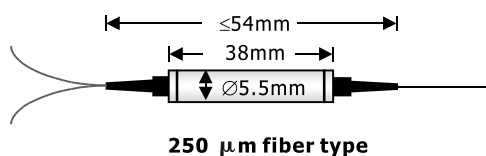


### Specifications

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    1.0	dB
Reflection Insertion Loss	Max 0.6    0.6    0.6    0.6	dB
Passband Ripple	Max 0.4    0.35    0.35    0.35	dB
Transmission Isolation	Min 20    25    20    25	dB
Reflection Isolation	Min 12    12    12    12	dB
Return Loss	Min 45    45    45    45	dB
Directivity	Min 45    45    45    45	dB
Polarization Dependent Loss	Max 0.15    0.15    0.15    0.15	dB
Polarization Mode Dispersion	Max 0.1    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*∅)	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