

3-PORT DWDM DEVICE

Features

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

Applications

- DWDM system
- Long haul/Metro networks

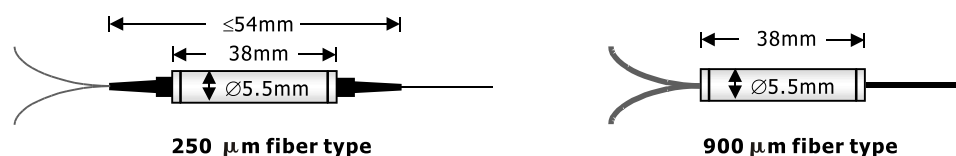


Specifications

Parameter		Specification		Unit
Channel Center Wavelength		C/L band, ITU-T grid		nm
Channel Spacing		0.8 (100GHz)	1.6 (200GHz)	nm
Channel Clear Passband		ITU±0.11	ITU±0.25	nm
Transmission Insertion Loss	Max	1.2 (Typ 0.8)	1.0 (Typ 0.7)	dB
Reflection Insertion Loss	Max	0.6 (Typ 0.4)	0.6 (Typ 0.4)	dB
Passband Ripple	Max	0.5	0.5	dB
Transmission Isolation	Min	28	30	dB
Reflection Isolation	Min	12	12	dB
Return Loss	Min	45	45	dB
Directivity	Min	45	45	dB
Polarization Dependent Loss	Max	0.15	0.1	dB
Polarization Mode Dispersion	Max	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

Dimension



Order Information

DWDM-3P-A-B-C-D

A	Channel Spacing	1: 100GHz 2: 200GHz
B	Center Wavelength	21: ITU ch-21 22: ITU ch-22.....
C	Fiber Type	1: 250 μ m bare fiber 2: 900 μ m tight buffer fiber
D	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