

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 and Metro networks



Main Specifications

Parameter	Max	Min	Specification	Unit
Channel Center Wavelength			C/L band, ITU-T grid	nm
Channel Spacing			0.8 (100GHz)	nm
Channel Clear Passband			ITU $\pm$ 0.11	nm
Transmission Insertion Loss	√		1.2 (Typ 0.8)	dB
Reflection Insertion Loss	√		0.6 (Typ 0.4)	dB
Passband Ripple	√		0.5	dB
Transmission Isolation		√	28	dB
Reflection Isolation		√	12	dB
Return Loss		√	45	dB
Directivity		√	45	dB
Polarization Dependent Loss	√		0.15	dB
Operating Temperature Range			-5~+70	°C
Storage Temperature Range			-40~+85	°C
Maximum Power Handling			300	mW
Package Dimension (L*Φ)			38*5.5 or 35*3.5	mm

Notes:

All values referenced without connector.

Order Information

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

A	Center Wavelength	21: ITU ch-21 22: ITU ch-22
B	Fiber Type	1: 250 μ m bare fiber 2: 900 μ m tight buffer fiber
C	Package Dimension	1: 38 * Φ 5.5 2: 35 * Φ 3.5
D	Connector Type	0: without connector 1: FC/UPC 2: FC/APC 3: SC/UPC 4: SC/APC 5: LC/UPC X: customized

Example

Part number of "DWDM-3P-21-1-1-X" represents a 3-Port DWDM Device with:

- ITU ch-21
 - 250 μ m bare fiber
 - 38 * Φ 5.5 package dimensions
 - customized connector
- The above specifications represent the typical performance of an O-Net DWDM device of this category.
 - Please contact our Sales to discuss your specific requirements.