

3-Port FWDM Device

Features

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

Applications

- WDM system
- EDFA
- Fiber-optic instruments



Main Specifications

Parameter	Max	Min	Specification		Unit
Transmission Wavelength Range			1500~1520	1530~1565	nm
Reflection Wavelength Range			1530~1565	1500~1520	nm
Transmission Insertion Loss	√		1.2		dB
Reflection Insertion Loss	√		0.8		dB
Passband Ripple	√		0.3		dB
Transmission Isolation		√	30		dB
Reflection Isolation		√	15		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

FWDM-3P-A-B-C-D

A	Operating Wavelength	1:	T: 1500 ~ 1520 R: 1530 ~ 1565
		2:	T: 1530 ~ 1565 R: 1500 ~ 1520
		X:	customized
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 "FWDM-3P-X-1-1-X" represents a 3-Port FWDM Device with:

- customized wavelength
- 250 μ m bare fiber
- 38 * Φ 5.5 package dimensions
- customized connector

- The above specifications represent the typical performance of an O-Net FWDM device of this category.
- Please contact our Sales to discuss your specific requirements.

