

DWDM Mux/Demux Module

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 (100 GHz)		nm
Channel Clear Passband			ITU $\pm$ 0.11		nm
Number of Channels			4	8	
Insertion Loss	√		2	3	dB
Passband Ripple	√		0.5	0.5	dB
Adjacent Channel Isolation		√	28	28	dB
Non-adjacent Channel Isolation		√	40	40	dB
Return Loss		√	45	45	dB
Directivity		√	45	45	dB
Polarization Dependent Loss	√		0.2	0.2	dB
Operating Temperature Range			-5 ~ +70		°C
Storage Temperature Range			-40 ~ +85		°C
Maximum Power Handling			300		mW
Package Dimension (L*W*H)			115*85*8		mm

Notes:

All values referenced without connector.



Order Information

DWDM-MD-A-B-C-D

A	Number of Channels	04: 4 channels 08: 8 channels
B	Starting Channel	21: ITU ch-21 22: ITU ch-22
C	Package & Fiber Type	1: 900 μ m fiber (black module) 2: 3 mm fiber (black module) 3: LGX 4: 19" rack mount 5: customized
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-MD-04-21-1-X" represents a DWDM Mux/Demux Module with:

- 4 channels
- ITU ch-21
- 900 μ m fiber (black module)
- customized connector

- The above specifications represent the typical performance of an O-Net DWDM Mux/Demux module of this category.
- Please contact our Sales to discuss your specific requirements.

