

Mini CWDM Mux/Demux Module

Features

- Low insertion loss, high isolation
- Optical path epoxy free
- Compact size
- Telcordia compliant
- RoHS compliant

Applications

- CWDM system
- Metro and Access Networks
- CATV network



Main Specifications

Parameter	Max	Min	Specification		Unit
Channel Center Wavelength			1270 ~ 1610 or 1271 ~ 1611		nm
Channel Spacing			20		nm
Channel Clear Passband			ITU ±7		nm
Number of Channels			4	8	
Insertion Loss	√		1	1.2	dB
Passband Ripple	√		0.5	0.5	dB
Adjacent Channel Isolation		√	30	30	dB
Non-adjacent Channel Isolation		√	45	45	dB
Return Loss		√	50	50	dB
Directivity		√	50	50	dB
Polarization Dependent Loss	√		0.2	0.2	dB
Operating Temperature Range			0 ~ +70		°C
Storage Temperature Range			-40 ~ +85		°C
Maximum Power Handling			300		mW
Package Dimension (L*W*H)			46.5*30*8		mm

Notes:

1. All values referenced without connector.



Order Information

CWDM-MN-A-B-C-D

A	Number of Channels	04: 4 channels 08: 8 channels
B	Starting Channel	1470: ch-1470 1471: ch-1471 1490: ch-1490 1491: ch-1491
C	Package & Fiber Type	1: 900 μ m fiber 2: 250 μ m bare fiber
D	Connector Type	0: without connector 1: LC 2: SC X: customized

Example

Part number of "CWDM-MN-04-1470-1-X" represents a Mini CWDM Mux/Demux Module with:

- 4 channels
- 1470 starting channel
- 900 μ m fiber
- customized connector

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

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