

CWDM MUX/DEMUX MODULE

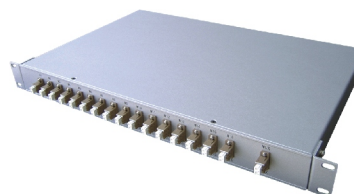
Features

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



Applications

- CWDM system
- Metro/Access networks
- CATV network

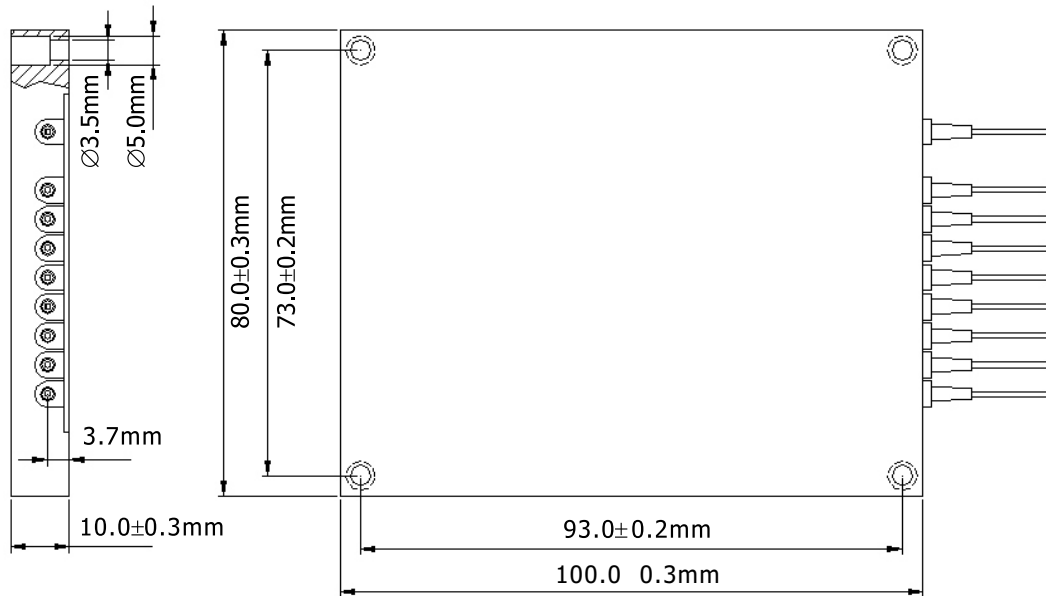


Specifications

Parameter	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	16		
Insertion Loss	Max	1.8	2.5	3.5	dB
Passband Ripple	Max	0.5	0.5	0.5	dB
Adjacent Channel Isolation	Min	30	30	30	dB
Non-adjacent Channel Isolation	Min	45	45	45	dB
Return Loss	Min	45	45	45	dB
Directivity	Min	45	45	45	dB
Polarization Dependent Loss	Max	0.1	0.1	0.1	dB
Operating Temperature Range	0~+70			°C	
Storage Temperature Range	-40~+85			°C	
Maximum Power Handling	300			mW	
Package Dimension (L*W*H)	100*80*10	110*90*12		mm	

1. All values referenced without connector.
2. Available in LGX and 19" rack mount package.

Dimension



Example: 8ch CWDM Mux/Demux

Order Information

CWDM - MD - A - B - C - D

A	Number of Channels	04: 4 channels 08: 8 channels 16: 16 channels
B	Starting Channel	1471: ch-1471 1470: ch-1470 1491: ch-1491 1490: ch-1490
C	Package & Fiber Type	1: 900 μ m fiber (black module) 2: 3mm fiber (black module) 3: LGX 4: 19" rack mount
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