

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/Metro networks

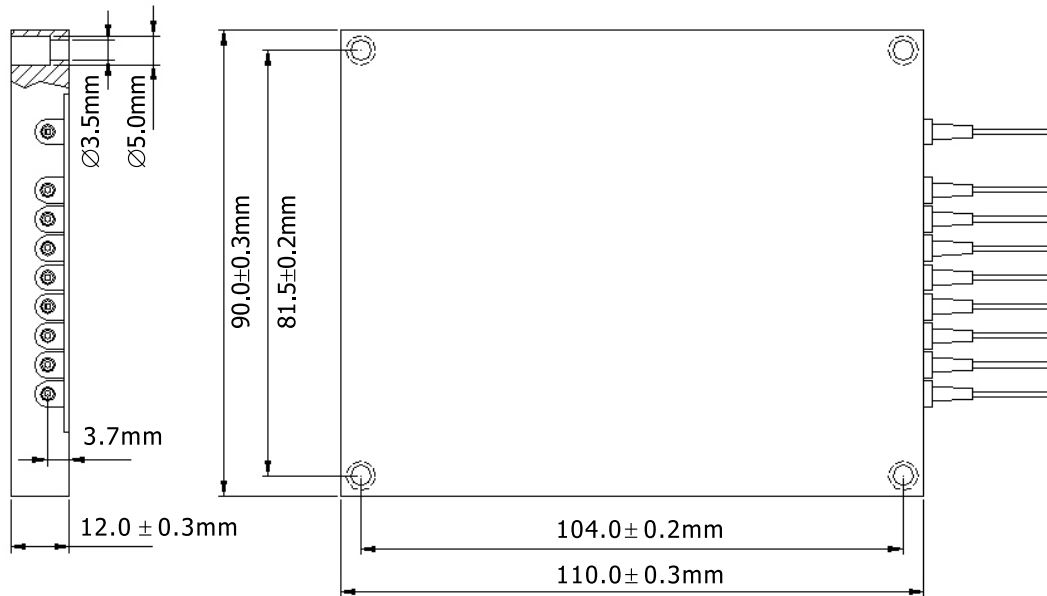


Specifications

Parameter	Specification				Unit	
Channel Center Wavelength	C/L band, ITU-T grid				nm	
Channel Spacing	0.8 (100GHz)		1.6 (200GHz)		nm	
Channel Clear Passband	ITU±0.11		ITU±0.25		nm	
Number of Channels	8	16	8	16		
Insertion Loss	Max	3.0	4.0	3.0	4.0	dB
Passband Ripple	Max	0.5	0.5	0.5	0.5	dB
Adjacent Channel Isolation	Min	28	28	30	30	dB
Non-adjacent Channel Isolation	Min	40	40	40	40	dB
Return Loss	Min	45	45	45	45	dB
Directivity	Min	45	45	45	45	dB
Polarization Dependent Loss	Max	0.15	0.2	0.15	0.2	dB
Polarization Mode Dispersion	Max	0.1	0.1	0.1	0.1	ps
Operating Temperature Range	0~+70				°C	
Storage Temperature Range	-40~+85				°C	
Maximum Power Handling	300				mW	
Package Dimension (L*W*H)	110*90*12				mm	

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

Dimension



Example: 8ch DWDM Mux/Demux

Order Information

DWDM-MD-A-B-C-D-E

A	Channel Spacing	1: 100GHz 2: 200GHz
B	Number of Channels	08: 8 channels 16: 16 channels
C	Starting Channel	21: ITU ch-21 22: ITU ch-22.....
D	Package & Fiber Type	1: 900 μ m fiber (black module) 2: 3mm fiber (black module) 3: LGX 4: 19" rack mount
E	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