

CWDM OADM & Mux/Demux Module

Features:

- Low Insertion Loss
- High Channel Isolation
- Epoxy-Free in Optical Path
- Telcordia Compliant

Applications:

- Add/Drop System
- Bi-directional Network
- CATV System



Specifications:

Parameters		Unit	Specifications
Central Wavelength		nm	1470,1490...1590,1610 1471,1491...1591,1611
Channel Passband		nm	$\lambda_c \pm 6.5(\text{Min})$
Maximum Add/Drop Channel Insertion Loss		dB	≤ 1.6 (2 Channel)
			≤ 2.0 (4 Channel)
			≤ 3.0 (8 Channel)
			≤ 5.8 (16 Channel)
Isolation	Adjacent Channel	dB	≥ 30
	Non-adjacent Channel		≥ 40
	Express Channel		≥ 12
Ripple in Passband		dB	≤ 0.3
Temperature Stability		dB/°C	≤ 0.005
PDL		dB	≤ 0.2
PMD		dB	≤ 0.1
Return Loss		dB	≥ 45
Directivity		dB	≥ 55
Maximum Power Handling		mW	500
Operating Temperature		°C	0~70
Storage Temperature		°C	-40~85
Packge Dimension		mm	A&B: 120(Length) × 90(Width) × 8(Height) for Al box or ABS box
		mm	L&R: Industry standard for LGX or Rack

1. All specifications include the effect of all states of polarization.

2. Values referenced without connectors, insertion loss for a connector-pair is 0.20dB to 0.30dB.