

4, 8, 16, 18 Channels CWDM OADM Module



FEATURES

- Low insertion loss
- Wide pass band
- High channel isolation
- High stability and reliability
- Epoxy free on optical path

APPLICATIONS

- Line monitoring
- WDM network
- Telecommunication
- Cellular applications
- Fibre optical amplifier
- Access network



Specifications are for devices without connector.
Specifications may change without notice.

PERFORMANCE SPECIFICATION

Parameter	4 Channels		8 Channels		16 Channels		
	Mux	Demux	Mux	Demux	Mux	Demux	
Channel Wavelength (nm)	1270-1610 or 1271-1611						
Channel Spacing (nm)	20						
Channel Passband (@-0.5dB bandwidth) (nm)	±7.5/±6.5						
Insertion Loss (dB)	≤1.5		≤2.5		≤3.5		
Channel Uniformity (dB)	≤0.6		≤1.0		≤1.5		
Channel Ripple (dB)	<0.3						
	Adjacent	N/A	>30	N/A	>30	N/A	>30
	Non-adjacent	N/A	>40	N/A	>40	N/A	>40
Insertion Loss Temperature Sensitivity (dB/°C)	<0.005						
Wavelength Temperature Shifting (nm/°C)	<0.002						
Polarization Dependent Loss (dB)	<0.1						
Polarization Mode Dispersion (ps)	<0.1						
Directivity (dB)	>50						
Return Loss (dB)	>45						
Maximum Power Handling (mW)	300						
Operating Temperature (°C)	-5→+75						
Storage Temperature (°C)	-40→+85						
Package Dimension (mm)	L100 x W80 x H10				L140 x W114 x H18 L120 x W80 x H18		

ORDERING INFORMATION

CWDM	Channel Spacing	Number of Channels	Configuration	1st Channel	Fiber Type	Fiber Length	Connector
	C=CWDM Grid	04→4Channel 08→8Channel 16→16Channel 18→18Channel N=N Channel	M=Mux D=Demux O=OADM	27→1270nm 47→1470nm 49→1490nm 61→1610nm	0=Bare fiber 1=900µm loose tube 2=2mm cable 3=3mm cable	1=1m 2=2m S=Specify	0=None 1=FC/APC 2=FC/LC 3=SC/APC 4=SC/LC 5=LC/APC 6=LC/LC 7=ST S=Specify