4,8,16-Channel CWDM Module

Features

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

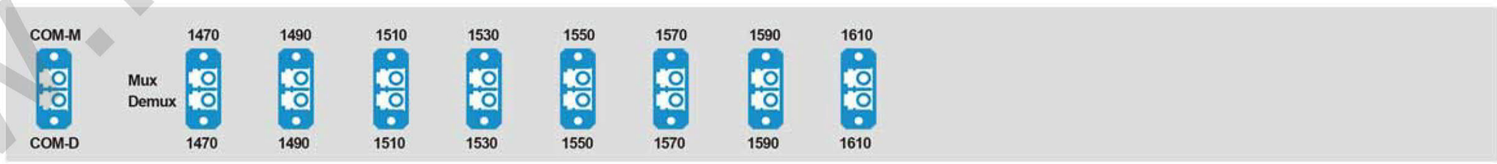
Applications

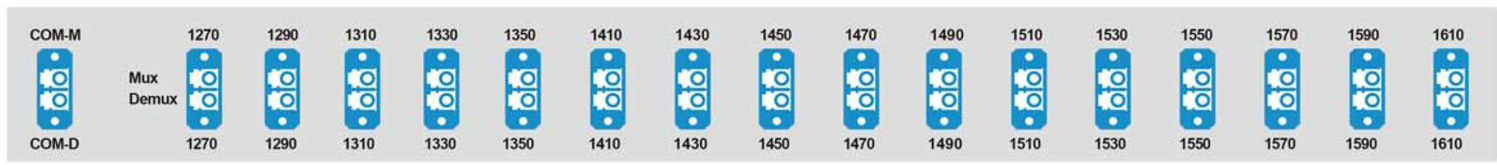
- Line monitoring
- WDM network
- Telecommunication
- Cellular application
- Fiber optical amplifier
- Access network

Performance Specifications

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)		≥13					
Insertion Loss (dB)		≤1.5		≤2.5		Low ≤3.5 Standard≤4.5	
Isolation (dB)	Adjacent	≥30					
	Non-adjacent	≥40					
Insertion Loss Temperature Sensitivity (dB)		≤0.5					
Wavelength Temperature Shifting (nm/℃)		≤0.002					
Polarization Dependent Loss (dB)		≤0.2					
Polarization Mode Dispersion (ps)		≤0.1					
Directivity (dB)		≥50					
Return Loss (dB)		≥45					
Maximum Power Handling (mW)		300					
Operating Temperature (℃)		-10~+70					
Storage Temperature (℃)		-40~+85					
Package Dimension (mm)		L100 x W80 x H10				L120 x W80 x H18	
		19” 1U Rackmount					

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





Ordering Information

CWDM	☐	☐☐	☐☐	☐	☐	☐	☐
	Channel Spacing	Number of Channels	1st Channel	Package	Fiber Diameter	Fiber Length	Connector
	C=20nm	04=4 Channels 08=8 Channels 16=16 Channels 18=18 Channels N=N Channels	27=1270nm …… 47=1470nm 49=1490nm …… 61=1610nm	1=ABS Box Module 2=Rackmount 3=LGX Box 4=Insert Box S=Specify	0=250μm 1=900μm 2=2.0mm 3=3.0mm	1=1m 2=2m S=Specify	0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST S=Specify

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