



8 Channel Coarse Wavelength Division Multiplexer

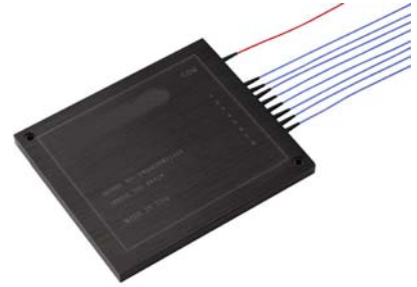
(8 信道粗波分多路互用器)

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		MUX	DEMUX
Wavelength (nm)		1471, 1491 or 1470, 1490 etc.	
Center Wavelength Accuracy (nm)		± 0.5	
Channel Spacing (nm)		20	
Channel Passband (@-0.5dB bandwidth) (nm)		≥13	
Insertion Loss (dB)		≤ 2.5	
Channel Uniformity (dB)		≤ 1.0	
Channel Ripple (dB)		≤ 0.5	
Isolation (dB)	Adjacent	N/A	>30
	Non-adjacent	N/A	>40
Insertion Loss Temperature Sensitivity (dB/°C)		≤ 0.003	
Wavelength Temperature Shifting (nm/°C)		≤ 0.002	
Polarization Dependent Loss (dB)		≤ 0.10	
Polarization Mode Dispersion (ps)		≤ 0.1	
Directivity (dB)		≥50	
Return Loss (dB)		≥45	
Power Handling (mW)		300	
Operating Temperature (°C)		0 ~+70	



Storage Temperature (°C)	-40 ~+85
Package Dimension (mm)	L120 x W80 x H11.6

Specifications may change without notice

Ordering Information

CWDM



Channel	Configuration	1 st Channel	Fiber Type	Fiber Length	Connector
8=8 Channel	M=Mux	41=1411nm	1=250um Bare Fiber	1=1 Meter	0=None
	D=DeMux	43=1431nm	2=900um loose tube	2=2 Meter	1=FC/APC
		55=1551nm	Fiber		2=FC/PC
		57=1571nm			3=SC/APC
					4=SC/PC
					5=ST
					6=LC