

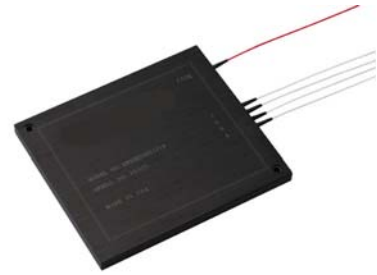
# 8-Channel+1310nm Coarse Wavelength Division Multiplexer

## Features

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

## Applications

- Line Monitoring
- WDM network
- Telecommunication
- Fiber optical amplifier



## Performance Specifications

Parameter		MUX	DEMUX
Channel Wavelength (nm)		1471, 1491, etc. or 1470, 1490 etc.	
Center Wavelength Accuracy (nm)		± 0.5	
Channel Spacing (nm)		20	
Channel Passband (@-0.5dB bandwidth) (nm)		>13	
1310nm Channel Wavelength Range (nm)		+/-50	
Insertion Loss (dB)		≤ 3.0	
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 )		<0.005	
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)		0 ~+70	
Storage Temperature (°C)		-40 ~+85	
Package Dimension (mm)		L110 x W95 x H7.5	

Specifications may change without notice

Above specifications are for without connector

## Ordering Information

CWDM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Channel Spacing	Number of Channels	Configuration	1 <sup>st</sup> ITU Channel	Fiber Type	Fiber Length	Connector
8Ch+1310	C=CWDM Grid	04=4 Channels 08=8 Channels	M=Mux D=DeMux	470=1470nm 490=1490nm ..... 571=1571nm .....	1=Bare Fiber 2=900um Fiber 3=3mm Cable	1=1 Meter 2=2 Meter	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC

## Package Dimensions

