

## CWDM MUX 16 Channels Optical WDM Filters Mux Demux

Place of Origin: Guangdong, China

Brand Name: OPTICO

Model Number: CWDM DWDM Module

Connector: CWDM MUX 16 channels optical WDM filters mux demux

Operating Wavelength Range: 1260~1620 nm

Channel Spacing: 20 nm

Channel Pass Band: ITU  $\pm 6.5, \pm 7, \pm 7.5$  nm

Pass Band Ripple: Max 0.35 db

Channel Insertion Loss: Max 0.70 (Typical 0.50) db

Reflection Channel Insertion Loss: Max 0.4 db

Adjacent Channel Isolation: 30 db

Non-Adjacent Channel Isolation: 45 db

PDL: 0.10 db

Packaging: Individual box or according to customer's request

Port: Shenzhen, China

Coarse Wavelength Division Multiplexing (CWDM) is an excellent choice for increasing bandwidth capacity while keeping costs down. The 6com splice/pigtailed ABS module family, based on standard Thin Film Filter (TFF) technology with a proprietary packaging, offers you smallest component dimensions combined with an outstanding performance and reliability.

### Features of CWDM devices

- 1)Low Insertion Loss
- 2)Excellent Channel Isolation
- 3)High Stability & Reliability
- 4)Low Cost

### Applications

CWDM Channels Add/Drop

CWDM

CATV Fiber Optical Links

Accessing LAN Networks

Short-Distance Communications

### Technical Specification

Parameter	4 Channel		8 Channel		16 Channel		18 Channel	
	Mux	Demux	Mux	Demux	Mux	Demux	Mux	Demux
Channel Wavelength(nm)	1270~1610/1271~1611							
Center wavelength Accuracy (nm)	$\pm 0.5$							
Channel Spacing(nm)	20							
Channel Passband (@-0.5dB bandwidth (nm)	$\pm 7.5/\pm 6.5$							
Insertion Loss (dB)	$\leq 1.5$		$\leq 2.5$		$\leq 3.5$		$\leq 3.5$	
Channel Uniformity (dB)	$\leq 0.6$		$\leq 1.0$		$\leq 1.5$		$\leq 1.5$	
Channel Ripple (dB)	0.3							

Isolation(dB)	Adjacent	>30
	Non-adjacent	>40
Insertion Loss(dB)	Express with filter	>30
	Express without filter	>12
Inertion 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
Operatng Temperature (°C)		-40~+85
Storage Temperature (°C)		-40~+85

**Certificates: ISO, ROHS, CE, CPR**



**CE**



**CPR**



**ISO**



**RoHS**

**CWDM Factory Workshop:**



