

1U 19 Inch Rack Mount 8ch CWDM 16 Channels CWDM Mini Fiber mux/demux

**Quick Details**

Place of Origin: Shenzhen, China

Brand Name: OPTICO

Model Number: CWDM DWDM

Product name: 1u 19 inch Rack Mount 8ch CWDM / 16 channels CWDM mini Fiber mux/demux

Application: FTTH FTTB FTTX Network

Fiber Type: G657A

Connector: SC LC FC ST

Wavelength: 1310/1490/1550nm etc

Channel: 4, 8,16CH

Center Wavelength (nm): ITU, ITU+1

Logo: OPTICO, or customized

Package: 19' 1U rack mount, ABS box

Channel NO.: 2CH/4CH/8CH/12CH/16CH/18CH

1u 19 inch Rack Mount 8ch cwdm 16 channels mini Fiber dwdm/mux/demux CWDM Multiplexering

**1. Features**

Low insertion loss

High Chanel isolation

Low PDL

Compact design

Good channel-to-channel uniformity

Wide operating wavelength

From 1260nm to 1620nm

Wide operating temperature

From -40°C to 85°C

High reliability and stability

**2. Applications**

CWDM System

PON Networks

CATV Links

**3.Specification :**

Parameter	4 Channel		8 Channel		18 Channel	
	Mux	Demux	Mux	Demux	Mux	Demux
Channel Wavelength (nm)	1270~1610					
Center wavelength Accuracy (nm)	±0.5					

Channel Spacing (nm)	20						
Channel Passband (@-0.5dB bandwidth (nm))	>13						
Insertion Loss (dB)	≤1.6	≤2.5	≤3.0				
Channel Uniformity (dB)	≤0.6	≤1.0	≤1.5				
Channel Ripple (dB)	0.3						
Isolation (dB)	Adjacent	N/A	>30	N/A	>30	N/A	>30
	Non-adjacent	N/A	>40	N/A	>40	N/A	>40
Inertion Loss Temperature Sensitivity (dB/°C)	<0.005						
Wavelength Temperature Shifting (nm/°C)	<0.002						
Polarization Dependent Loss (dB)	<0.1						
Polarization Mode Dispersion	<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 or L140xW100xH15						