

OPC-4/8/16 CH CWDM

Features:

Low insertion loss, low PDL
High credibility and stability
Wide pass band
Epoxy free on optical path

Application:

Telecommunication
CATV System
Fiber optical amplifier
WDM network



Performance Specifications:

Parameter	4 CH		8 CH		16 CH		
	MUX	DEMUX	MUX	DEMUX	MUX	DEMUX	
Operating Wavelength (nm)	1260 to 1610						
Center Wavelength Accuracy (nm)	± 0.5						
Channel Spacing (GHz)	20nm						
Channel Passband (@-0.5dB bandwidth) Min.(nm)	>15						
Insertion Loss (dB)	< 1.6		< 2.5		< 4.5		
Channel Uniformity (dB)	< 0.8		< 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
Insertion Loss Temperature Sensitivity (dB/°C)	<0.005						
Wavelength Temperature Shifting (nm/°C)	<0.002						
Polarization Dependent Loss (dB)	<0.15						
Polarization Mode Dispersion (ps)	<0.1						
Directivity (dB)	>50						
Return Loss (dB)	>45						
Maximum Power Handling (mW)	300						
Operating Temperature (°C)	0 ~+65						
Storage Temperature (°C)	-40 ~+85						
Package Dimension (mm)	L100 x W80 x H10			L142 x W102 x H14.5			

Specifications may change without notice

Order Information:

CWDM-①-②-③-④-⑤-⑥

① Configuration

M=Mux
D=DeMux

② Number of Channels

4=4CH
8=8CH
16=16CH
18=18CH
N=N CH

③ First Channel

27=1270nm
.....
47=1470nm
49=1490nm
.....
61=1610nm
S=special

④ Fiber Type

1=250um Bare Fiber
2=900um Loose tube Fiber
3=2mmCable
4=3mmCable

⑤ Fiber Length

1=1 Meter
2=2 Meter
C=Customized

⑥ Connector

0=None
1=FC/APC
2=FC/PC
3=SC/APC
4=SC/PC
5=ST
6=LC