



TAKFLY COMMUNICATIONS CO., LTD.

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4CH,8CH,16CH CWDM/OADM Module

Features

- Low Insertion Loss
- Wide pass band
- High Channel Isolation
- High Stability and reliability

Applications

Line Monitoring (CWDM Add/Drop)

WDM Network

Fiber Optical amplifier

Performance Specifications

Parameter	4 Channel		8 Channel		16 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		≤3.5		
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
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)	500						
Operating Temperature(°C)	-5~+75						
Storage Temperature(°C)	-40~85						
Package dimension(mm)	1. L100 x W80 x H10 (2 CH ~ 8CH Module) 2. L140xW100xH15 (9 CH ~ 18CH Module))						

Above specification are for device without connector



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Order Information

Configuration	Channel No.	Channel	Pigtail Type	Fiber length	Dimension (mm)	Connector
M=Mux D=Demux	04=4 Channel	27=1270nm	0=250u	1=1m	1= L100 x W80 xH10	0=None
	08=8 Channel	47=1470nm	m	2=1.5m	2=L140xW100xH15	1=FC/APC
	16=16	49=1490nm	1=900u	3=others	3=19 1U Rack	2=FC/PC
	Channel	m			3=SC/APC
		61=1610nm	2=2.0m			4=SC/PC
	N=N Channel	SS=special...	m			5=others
		3=3.0m			
			m			