



TAKFLY COMMUNICATIONS CO., LTD.

ADD: 2-3F,Block 2,Yinghe Industrial Park,Shilong Road,Dalang,Longhua,Shenzhen,518109,China.

Tel:+86-755-28106528

Fax: +86-755-23777278

2CH,4CH,8CH 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		2 Channel		4 Channel		8 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)		≤0.8		≤1.6		≤2.5	
Channel Uniformity(dB)		≤0.4		≤0.6		≤1.0	
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/℃)		<0.005					
Wavelength Temperature Shifting(nm/℃)		<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(℃)		-5~+75					
Storage Temperature(℃)		-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	02=2 Channel	27=1270nm	0=250u	1=1m	1= L100 x W80 xH10	0=None
	04=4 Channel	47=1470nm	m	2=1.5m	2=L140xW100xH15	1=FC/APC
	08=8 Channel	49=1490nm	1=900u	3=others	3=19 1U Rack	2=FC/PC
			m			3=SC/APC
	N=N Channel	61=1610nm	2=2.0m			4=SC/PC
		SS=special...	m			5=others
			3=3.0m			
			m			