



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/℃)		<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	04=4 Channel 08=8 Channel 16=16 Channel N=N Channel	27=1270nm 47=1470nm 49=1490nm 61=1610nm SS=special...	0=250u m 1=900u m 2=2.0m m 3=3.0m m	1=1m 2=1.5m 3=others	1= L100 x W80 xH10 2=L140xW100xH15 3=19 1U Rack	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=others