



TAKFLY COMMUNICATIONS CO., LTD.

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Compact Coarse Wavelength Division Multiplexer

Features

- Low Insertion Loss
- Compact size
- Ultra Stable and Highly Reliable
- Extended Operating Temperature Available

Applications

- Optical Add/Drop Multiplexing
- Telecom networks
- Metro networks
- Broadband Networks



Performance Specifications

Parameter		10 Ch	12Ch	14 Ch	16Ch	18Ch
Operating Wavelength (nm)		1260~1620				
Channel Wavelength (nm)		1270,1290,...,1590,1610, or 1271,1291,...,1591,1611				
Channel Spacing(nm)		20				
Channel Passband (nm)		CWL+/-6.5nm				
Insertion Loss (dB)		≤1.5	≤1.5	≤1.8	≤1.8	≤2.0
Channel Ripple (dB)		≤0.4				
Isolation (dB)	Adjacent	> 30				
	Non-adjacent	> 40				
Polarization Mode Dispersion (PS)		≤0.2				
Polarization Dependent Loss (dB)		≤0.2				
Directivity (dB)		>45				
Return Loss (dB)		>45				
Maximum Power Handling (mW)		500				
Operating Temperature (°C)		-5~+70				
Storage Temperature (°C)		-40~85				
Fiber Type		G657A1				
Connector		TBD				
Package dimension (mm)		L55 x W45 x H6				

Above specification are for device without connector.



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Order Information

Configuration	Channel No.	Pigtail Type	Fiber length	Declension (mm)	Connector
CC=CCWDM	10=10 Channel 41=4+UPG 80=8 Channel 81=8+UPG1 82=8+UPG2	0=250um 1=900um	0=0.5m 1=1m 2=1.5m 3=others	1= L55 x W45 xH6	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=others

Dimension Type1:

