

Description

Compact Coarse Wavelength Division Multiplexer (CCWDM) can solve the shortage of fiber resources and transparent transmission of business, and reduce the cost of network Construction.

Features

Low Insertion Loss

Compact size

Extended Operating Temperature Available

Ultra Stable and Highly Reliable

Applications

Optical Add/Drop Multiplexing

Telecom networks

Metro networks

Broadband Networks



Performance Specifications

Parameter		10 Ch	12Ch	14Ch	16Ch	18Ch
Operating Wavelength (nm) 工作波长范围		1260~1620				
Channel Wavelength (nm) 通道中心波长		1270,1290,...,1590,1610, or 1271,1291,...,1591,1611				
Channel Spacing (nm)信道间距		20				
Channel Pass band (nm)/信道通频带宽		CWL+/-6.5nm				
Insertion Loss/插入损耗(dB)*		≤1.5	≤1.5	≤1.8	≤1.8	≤2.0
Channel Ripple/信道平坦度(dB)		≤0.4				
Isolation 信道隔离度(dB)	Adjacent/相邻	>30				
	Non-adjacent/非相邻	>40				
Polarization Mode Dispersion/偏振模式色散(PS)		≤0.2				
Polarization Dependent Loss/偏振相关损耗(dB)		≤0.2				
Directivity/方向性(dB)		>45				
Return Loss/回损 (dB)		>45				
Maximum Power Handling/最大工作功率(mW)		500				
Operating Temperature/工作温度(°C)		-5~+70				
Storage Temperature /储藏温度(°C)		-40~85				
Fiber Type/光纤类型		G657A1				
Connector/连接头		TBD				
Package dimension/封装尺寸(mm)		L55 x W35 x H8 or L46 x W28 x H6				

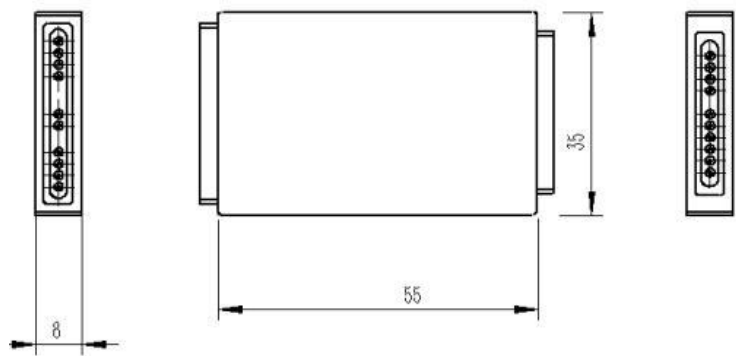
Remark

* Tr=Room temperature, To=Operating temperature.

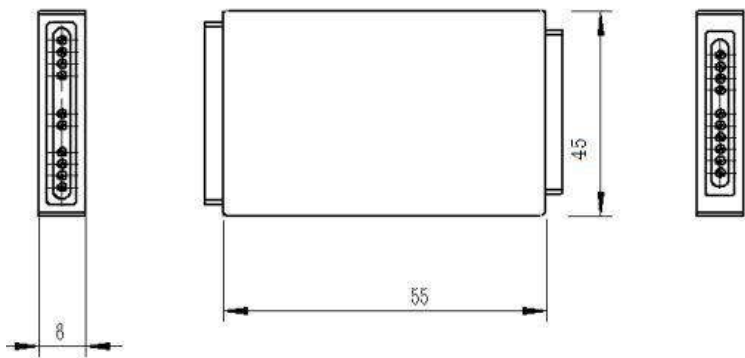
* Above specifications are for device without connector.

* For device with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

Packing Size
Type A



Type B



Order Information

XXXX	XX	XXXX	X	XX	XX/XX	XX
	Configuration	Operating Wavelength	Fiber diameter	Package	Connector	Fiber length
CCWDM	Channel No.	CWDM WAVE:1270~1610	1:250um	M1: 55x35x8 M2: 55*45*8	FC/UPC	0:0.5m
	10:10Channel		2:900um		SC/UPC	1:1m
	12:12Channel				FC/APC	2:2m
	14:14Channel				...	...
	...				LC/UPC	