

Key Features

- Low end-to-end insertion loss
- Wide pass band
- High channel isolation
- High stability and reliability
- Epoxy free on optical path



Applications

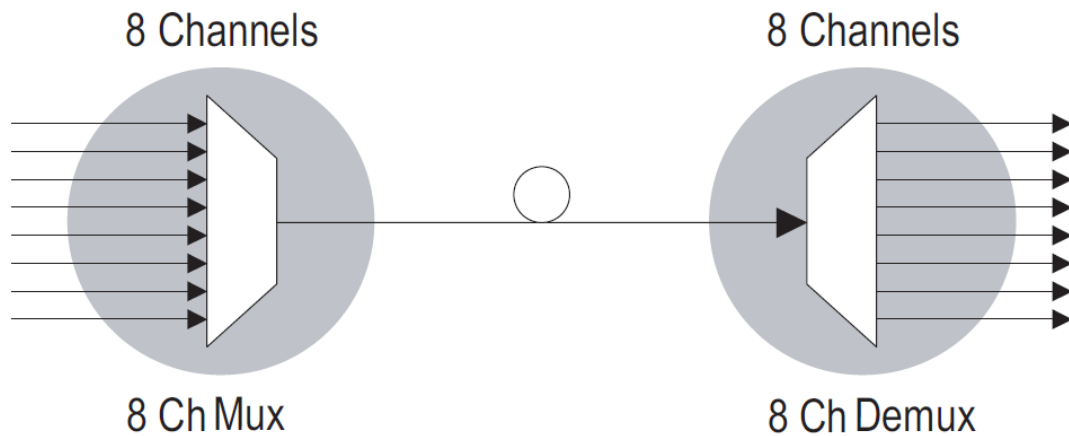
- Line monitoring
- WDM network
- Telecommunication
- Equipment test areas
- Cellular Application
- Fiber optical amplifier
- Access Network

Compact Coarse Wavelength Division Multiplexer (CCWDM) is mini CWDM module with compact case size designing and features free-space structure. It multiplex CWDM wavelengths (from 1270nm to 1610nm) to single fiber.

Compliance

- Compliant with ITU-T G694.2
- Telcordia GR-63

Typical Application Diagram



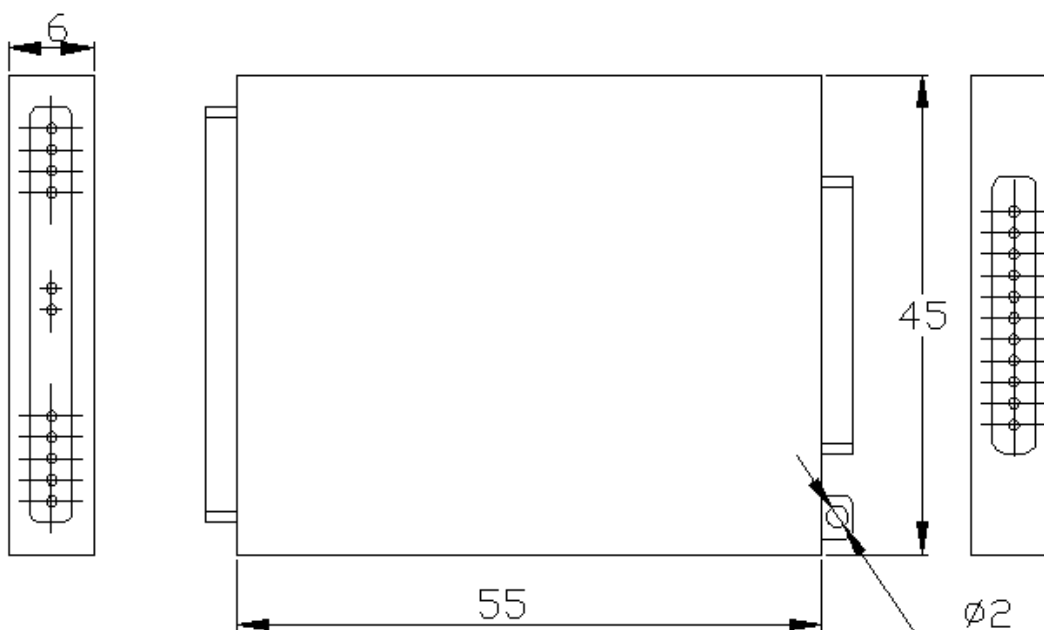
Specifications

Parameter	10 Ch	12Ch	14 Ch	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 Passband (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/接头	TBD				
Package dimension/封装尺寸(mm)	L55 x W45 x H6				

* Above specification are for device without connector.

注：在常温条件下，不包括连接器，熔接器及端面损耗

Case Dimensions



Order Information 订购信息

Configuration	Channel No.	Pigtail Type	Fiber length	Connector for Channels	Connector for COM
UCCW=CCW DM	10=10 Channel	0=250um	0=0.5m	0=none	0=none
	12=12 Channel	1=900um	1=1m	1=FC/APC	1=FC/APC
		2=1.5m	2=FC/PC	2=FC/PC
			3=others	3=SC/APC	3=SC/APC
				4=SC/PC	4=SC/PC
				5=ST/UPC	5=ST
				6=LC/UPC	6=LC/UPC
				7= Others	7=Others

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