

100GHz Dense Wavelength Division Multiplexer

100GHz 密集波分复用器模块

Features

- Low Insertion Loss
- Wide pass band
- High Channel Isolation
- High Stability and reliability

Applications

- Channel Add/Drop
- DWDM Network
- Fiber Optical Amplifier



Performance Specifications (产品指标)

Parameter		4 Channel		8 Channel		16 Channel	
		Mux	Demux	Mux	Demux	Mux	Demux
Channel Wavelength/通道波长(nm)		ITU 100 GHz Grid					
Center wavelength Accuracy/中心波长精度(nm)		±0.05					
Channel Spacing (GHz) /信道间隔GHz)		100					
Channel Passband (@-0.5dB bandwidth) (nm)/信道带宽		≥0.22					
Insertion Loss/插入损耗(dB)		≤1.6		≤2.5		≤3.5	
Channel Uniformity/信道均匀性(dB)		≤0.6		≤1.0		≤1.5	
Channel Ripple/信道平坦度(dB)		0.3		0.3		0.3	
Isolation信道隔离度(dB)	Adjacent/相邻	N/A	> 30	N/A	> 30	N/A	> 30
	Non-adjacent/非相邻	N/A	> 40	N/A	> 40	N/A	> 40
Insertion Loss Temperature Sensitivity/插入损耗温度稳定性(dB/°C)		≤0.005					
Wavelength Temperature Shifting/波长稳定性(nm/°C)		<0.002					
Polarization Dependent Loss/偏振相关损耗(dB)		<0.1					
Polarization Mode Dispersion/偏振模式色散(PS)		<0.1					
Directivity/方向性(dB)		>50					
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~+75					
Storage Temperature /储藏温度(°C)		-40~85					
Package dimension/封装尺寸(mm)		L100 x W80 x H10 (8CH Module)					

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。

Order Information 订购信息

Configuration	Channel No.	Channel	Pigtail Type	Fiber length	Dimensio (mm)	Connector
M=Mux D=Demux	04=4 Channel 08=8 Channel 16=16 Channel N=N Channel	C20= 1561.42 nm C21= 1560.61 nm 	0=250um 1=900um 2=2.0mm 3=3.0mm	1=1m 2=1.5m 3=others	1= L100 x W80 xH10 2=L140xW100xH15 3=19 1U Rack	0=None 1=LC/APC 2=LC/PC 3=SC/APC 4=SC/PC 5=others