

Overviews

CWDM - coarse wavelength division multiplexer utilizes thin film coating technology and proprietary design of non-flux metal bonding micro optics packaging . It provides low insertion loss , high channel isolation , wide pass band , low temperature sensitivity and epoxy free optical path .

Feature

- Low Insertion Loss , Wide pass band
- 4channel , 8 channel , 16 channel , 18 channel
- High Stability and ralability



Specification

Parameter		4 Channel	8 Channel	16 Channel	18 Channel
Channel Wavelength (nm)		1270~1610/1271~1611			
Center Wavelength Accuracy (nm)		±0.5			
Channel Spacing (nm)		20			
Channel Passband (-0.5dB bandwidth (nm))		+/-7.5/+/-6.5			
Insertion Loss (dB)		≤1.5	≤2.5	≤3.5	≤3.5
Channel Uniformity (dB)		≤0.6	≤1.0	≤1.5	≤1.5
Channel Ripple (dB)		0.3			
Isolation (dB)	Adjacent	>30			
	Non-adjacent	>40			
Isolation(dB)	Express with filter	>30			
	Express without filter	>12			
Insertion Loss Temp. Sensitivity (db/°C)		<0.005			
Wavelength Temp. Shifting(nm/°C)		<0.002			
Polarization Dependent Loss(dB)		<0.1			
Polarization Mode Dispersion		<0.1			
Directivity (dB)		>50			
Return Loss (dB)		>45			
Maximum Power Handing (mW)		300			
Operation Temp. (°C)		-40~+85			
Storage Temp. (°C)		-40~+85			
Dimension		Based on the different channel			

Order Information

CG	ABS	4C	MUX	SCA	3.0	1.5
CG=	Black	4C=4 channel	MUX	0=No	0.25=250u	0.5=0.5m
CWD	ABS	8C=8 channel	Or	connector	m	1=1m
M	Model	16c=16	Dumex	SCA=SC/APC	0.9=900um	1.5m=1.5m
Grid		channel	...	SCU=SC/UPC	2.0=2.0mm	3=3m
		...		FCA=FC/APC	3.0=3.0mm	...