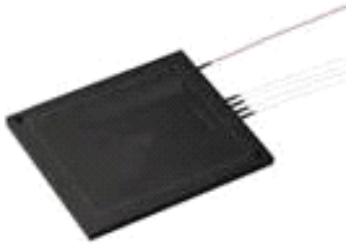
Coarse Wavelength Division Multiplexer Module (CWDM)

Features
Low insertion loss High channel isolation High stability and reliability
Application
CWDM system Metro/Access Networks CATV Fiberoptic System



Specifications

Parameter		4 Channel	8 Channnel	16 Channel
Central Wavelength(nm)		1271, 1291, 1311, …..1551, 1571, 1591, 1611		
Channel space (nm)		20		
Channel bandwidth (nm)		λc ± 6.5		
Channel flatness (dB)		≤0.4		
Insertion Loss (dB)		≤2.0	≤3.0	≤5.0
Demux Isolation (dB)	Adjacent channel	≥30		
	Non-adjacent channel	≥40		
Mux Isolation (dB)	Adjacent channel	≥15		
	Non-adjacent channel	≥15		
Channel uniformity（dB）		≤1.0		
Directivity (dB)		≥55		
Return loss (dB)		≥50		
PDL (dB)		≤0.15		≤0.20
Wavelength thermal stability (nm/℃)		≤0.003		
Insertion loss thermal stability (dB/℃)		≤0.005		
Power handling (mW)		≤500		
Operating temperature (℃)		0 ~ +70		
Storage temperature (℃)		-40 ~ +85		
Dimensions (LxWxH) (mm)		100x80x10(ABS) 110x95x7.5(Metal)		141x115x18(ABS)

Ordering Information:

CWDM	Type	Port Type	Wavelength	Pigtail Type	Fiber Type	Length	Connector
	M=Mux D=Demux	4=4ch 8=8ch 16=16ch 18=18ch	1271=1271 1291=1291 …… 1611=1611	900=900um loose tube 2000=2mm loose tube 3000=3mm loose tube	1=SMF-28e	1= 1m X=Specify	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other