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		18 Channel
Central Wavelength(nm)		ITU Grid Channel:1271, 1291, 1311, …..1551, 1571, 1591, 1611
Operating Wavelength Range (nm)		A: 1260~1620
Channel space (nm)		20
Channel bandwidth (nm)		λc ± 7.5
Channel flatness (dB)		≤0.4
Insertion Loss (dB)		≤3.6
Demux Isolation (dB)	Adjacent channel	≥30
	Non-adjacent channel	≥40
Mux Isolation (dB)	Adjacent channel	≥15
	Non-adjacent channel	≥15
Channel uniformity（dB）		≤2.0
Directivity (dB)		≥50
Return loss (dB)		≥50
PDL (dB)		≤0.20
Wavelength thermal stability (nm/℃)		≤0.003
Insertion loss thermal stability (dB/℃)		≤0.005
Power handling (mW)		≤500
Fiber Type		SMF-28e
Operating temperature (℃)		0 ~ +70
Storage temperature (℃)		-40 ~ +85
Dimensions (LxWxH) (mm)		141x115x18 (M4)

*Above specifications are for module without connector.

*With 1561nm 6 skip0 CWDM and 1441nm 6 skip0 CWDM.

Ordering Information:

CWDM	Port Type	Shortest Channel Wavelength	Operating Wavelength Range	Package Type	Pigtail Type	Length	Connector
	18=1x18	1271=Shortest channel Wavelength(Refer to ITU Grid channel)	A=1260nm-1620nm	4=M4	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m B=5.0m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC