

## Coarse Wavelength Division Multiplexer Module (CWDM)

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

### Specifications

Parameter		4 Channel	8 Channel	16 Channel	18 Channel
Central Wavelength(nm)		1271, 1291, 1311, .....1551, 1571, 1591, 1611			
Channel space (nm)		20			
Channel bandwidth (nm)		$\lambda_c \pm 6.5$			
Channel flatness (dB)		$\leq 0.4$			
Insertion Loss (dB)		$\leq 2.0$	$\leq 3.0$	$\leq 4.5$	$\leq 5.0$
Demux Isolation (dB)	Adjacent channel	$\geq 30$			
	Non-adjacent channel	$\geq 40$			
Mux Isolation (dB)	Adjacent channel	$\geq 15$			
	Non-adjacent channel	$\geq 15$			
Channel uniformity (dB)		$\leq 1.0$			
Directivity (dB)		$\geq 50$			
Return loss (dB)		$\geq 45$			
PDL (dB)		$\leq 0.15$		$\leq 0.20$	
Wavelength thermal stability (nm/°C)		$\leq 0.003$			
Insertion loss thermal stability (dB/°C)		$\leq 0.005$			
Power handling (mW)		$\leq 500$			
Operating temperature (°C)		0 ~ +70			
Storage temperature (°C)		-40 ~ +85			
Dimensions (LxWxH) (mm)		100x80x10		141x115x18	

### Ordering Information:

CWDM	Type	Port Type	Wavelength	Operation 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	S=1260~1460 nm H=1460~1620 nm A=1260-1620 nm	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