



Coarse Wavelength Division Multiplexer Module(4 channel / 8channel) (CWDMM series)

Coarse WDM Module is expanding the bandwidth of Metro/Access Networks. The 4-channel and 8-channel CWDM modules are based on Coarse Wavelength Division Multiplexer devices. They can act as MUX/DEMUX with 20nm channel spacing. It has low insertion loss, low PDL, high isolation and good thermal stability.



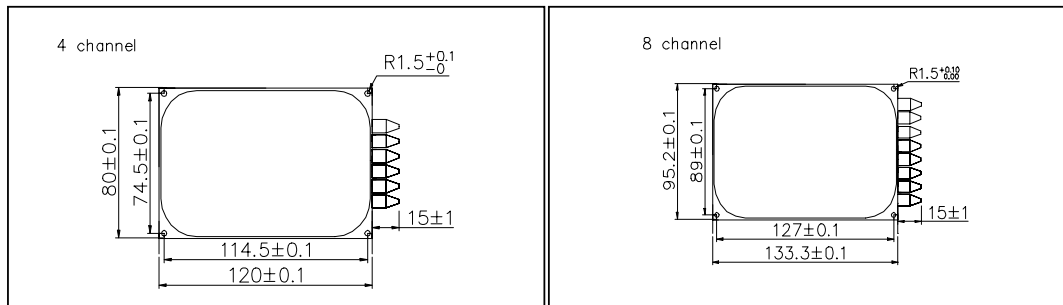
Specifications

Parameters	Unit	4-channel	8-channel
Center wavelength	nm	1511, 1531, 1551, 1571	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611
0.5dB Pass Bandwidth	nm	13	13
Insertion Loss	dB	2.2	3.50
Adjacent Ch .Isolation mux	dB	N/A	N/A
Adjacent Ch .Isolation demux	dB	25	25
Return Loss	dB	50	50
Directivity	dB	55	55
PDL	dB	0.1	0.1
PMD	ps	0.2	0.2
Thermal Stability		0.005	0.005
Fiber Type		Corning SMF-28	Corning SMF-28
Storage Temperature		-40 to +85	-40 to +85
Operating Temperature		-5 to +70	-5 to +70
Package Dimensions	mm	120*80*9.5	133.3*95.2*9.5

*Above specification are for module without connector

*For devices with connectors, insertion loss will be 0.3dB higher, RL will be 5dB lower.

Package Dimensions



Ordering Information

CWDMM- - - - -

: Module Type	: Connector Type	: Fiber Type
M - MUX	1 - FC/UPC	B - 250 um bare fiber
D - DEMUX	2 - ST/UPC	L - 900 um loose tube
	3 - LC/UPC	C - 3mm loose cable
:Number of Channels	4 - FC/APC	
4 - 4 channels	5 - SC/APC	
8 - 8 channels	6 - SC/UPC	: Fiber Length
	S - Specify	H - 0.5m
: Wavelength	N - None	S - Specify
1 - 1511nm,1531nm,1551nm,1571nm		
2 - 1471nm,1491nm,1591nm,1611nm		
3 - 1471nm,1491nm,1511nm,1531nm		
4 - 1511nm,1531nm,1591nm,1611nm		
5 - 1471nm, 1491nm, 1511nm, 1531nm, 1551nm, 1571nm, 1591nm, 1611nm		