

Coarse Wavelength Division Multiplexer Module

Model #: CWDMM

Description: Coarse wavelength division multiplexer module

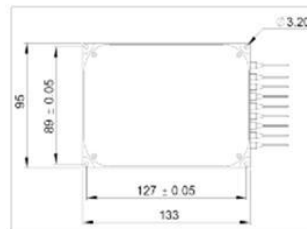
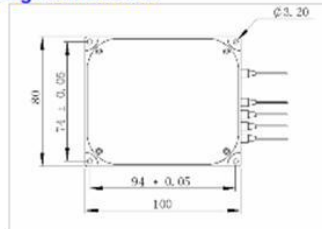
Application: CWDM systems

Specifications:

Parameter	Unit	Specifications	
		4 Channels	8 Channels
Central Wavelength	nm	1510, 1530, 1550, 1570	1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610
Min. 0.5 dB Pass Bandwidth	nm	13	
Max. Transmission Insertion Loss	dB	2.0	3.5
Min. Adjacent Channel Isolation (MUX)	dB	N/A	N/A
Min. Adjacent Channel Isolation (DEMUX)	dB	25	25
Min. Adjacent Channel Isolation	dB	25	
Max. Polarization Dependent Loss	dB	0.1	
Max. Polarization Mode Dispersion	dB	0.2	
Min. Return Loss	dB	50	
Directivity	dB	55	
Thermal Stability	dB/°C	0.005	
Max. Optical Power (CW)	mW	300	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to + 85	
Dimension	mm	100 x 80 x 9.5	133 x 95 x 9.5
Fiber Type		SMF-28 fiber	

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL.

Package Dimensions



Ordering Information:

CWDMM-A-B-C-D-E-F

A: module type	B – number of channels	C: wavelength	D: connector type	E: fiber jacket	F: fiber length
M - MUX	4 – 4 channel	1: 1510, 1530, 1550, 1570 nm	1 - FC/UPC	B - 250µm fiber	H – 0.5 m
D - DEMUX	8 – 8 channel	2: 1470, 1490, 1590, 1610 nm	2 - FC/APC	L - 900 µm loss tube	
		3: 1470, 1490, 1510, 1530 nm	3 - SC/UPC	C - 3 mm cable	
		4: 1510, 1530, 1590, 1610 nm	4 - SC/APC	X - other	
		5: all 8 channels	N - none		
		X: other	X - other		