

Coarse Wavelength Division Multiplexer

Model #: CWDM

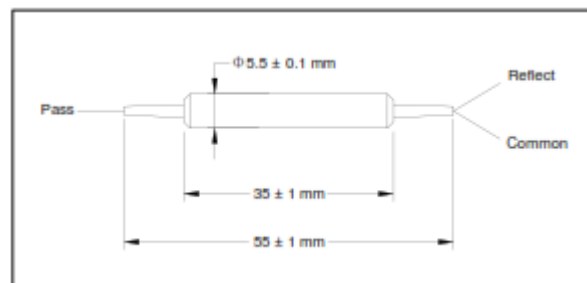
Description: Coarse wavelength division multiplexer

Application: WDM module and systems

Specifications:

Parameter	Unit	Specifications	
		Full Band	Half Band
Operating Wavelength Range	nm	1260 ~ 1620	1460 - 1620
Central Wavelength	nm	1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610	
Min. 0.5 dB Pass Bandwidth	nm	13	
Max. Transmission Insertion Loss	dB	0.6	
Max. Reflection Insertion Loss	dB	0.5	
Min. Adjacent Channel Isolation	dB	25	
Max. Polarization Dependent Loss	dB	0.1	
Min. Return Loss	dB	50	
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	5.5 (D) x 35 (L)	
Fiber Type		SMF-28 fiber	

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



Ordering Information:

CWDM-AAAA-B-C-D-E

AAAA: central wavelength	B: connector type	C: fiber jacket	D: fiber length	E: filter type
1470 – 1470 nm	1 - FC/UPC	B - 250µm Panda fiber	1 – 1.0 m	F – full band
1490 – 1490 nm	2 - FC/APC	L - 900 µm loss tube	X - other	H – half band
1510 - 1510 nm	3 - SC/UPC	X - other		
1530 – 1530 nm	4 - SC/APC			
1550 – 1550 nm	N - none			
1570 – 1570 nm	X - other			
1590 – 1590 nm				
1610 – 1610 nm				
XXXX – other				