

Mini Coarse Wavelength Division Multiplexer Module (MCWDM)

Features

Low Insertion Loss & High Channel Isolation
High Stability and Reliability
Compact Size

Applications

CWDM system
Metro/Access Networks
CATV Fiberoptic System

Specifications

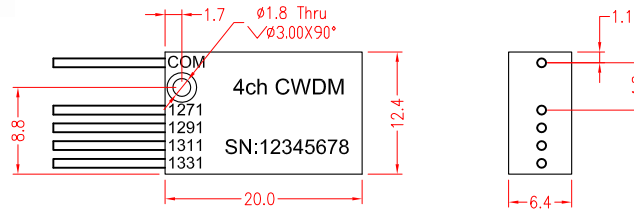
Parameters		Unit	4 Channels	8 Channels	16 Channels
CWDM Channel Insertion Loss		dB	≤1.0 (Typ 0.8)	≤1.5 (Typ 1.0)	≤3.0 (Typ 2.6)
Operating Wavelength		nm	1260~1620		
Central Wavelength (1)		nm	1271, 1291, ..., 1471, 1491, ..., 1591, 1611		
Central Wavelength (0)		nm	1270, 1290, ..., 1470, 1490, ..., 1590, 1610		
Channel Space		nm	20		
Channel Bandwidth		nm	λc ± 6.5		
Isolation	Adjacent Channel	dB	≥30		
	Non-adjacent Channel	dB	≥40		
Directivity		dB	≥55		
Return Loss		dB	≥50		
PDL		dB	≤0.15	≤0.15	≤0.20
PMD		ps	≤0.20		
Fiber Type			SMF-28e, G657 A2		
Power Handling		mW	≤300		
Operating Temperature		℃	0 ~ +70		
Storage Temperature		℃	-40 ~ +85		
Dimensions		mm	20x12.4x6.4	53.8X28X8	50X50X6

Ordering Information

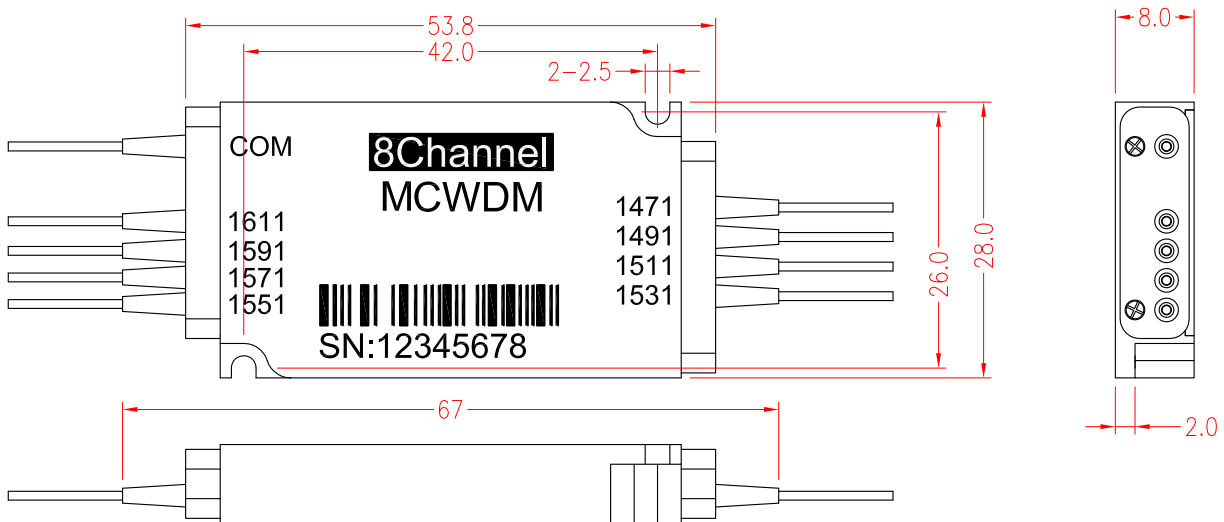
MCWDM- ①-②-③③③③-④④④-⑤-⑥-⑦-⑧⑧

①	Type	M=Mux; D=Demux;
②	Channel Type	4=4ch; 8=8ch; 16=16ch;
③	Start Wavelength	1271; 1291; ...; 1471; 1491; ...; 1591; 1611;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube; 3mm=3mm Loose Tube;
⑤	Fiber Type	1=SMF-28e; A2=G657A2;
⑥	Fiber Length	1=1m;
⑦	Upgrade Type	W=With Upgrade port, WO=Without Upgrade Port;
⑧	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;

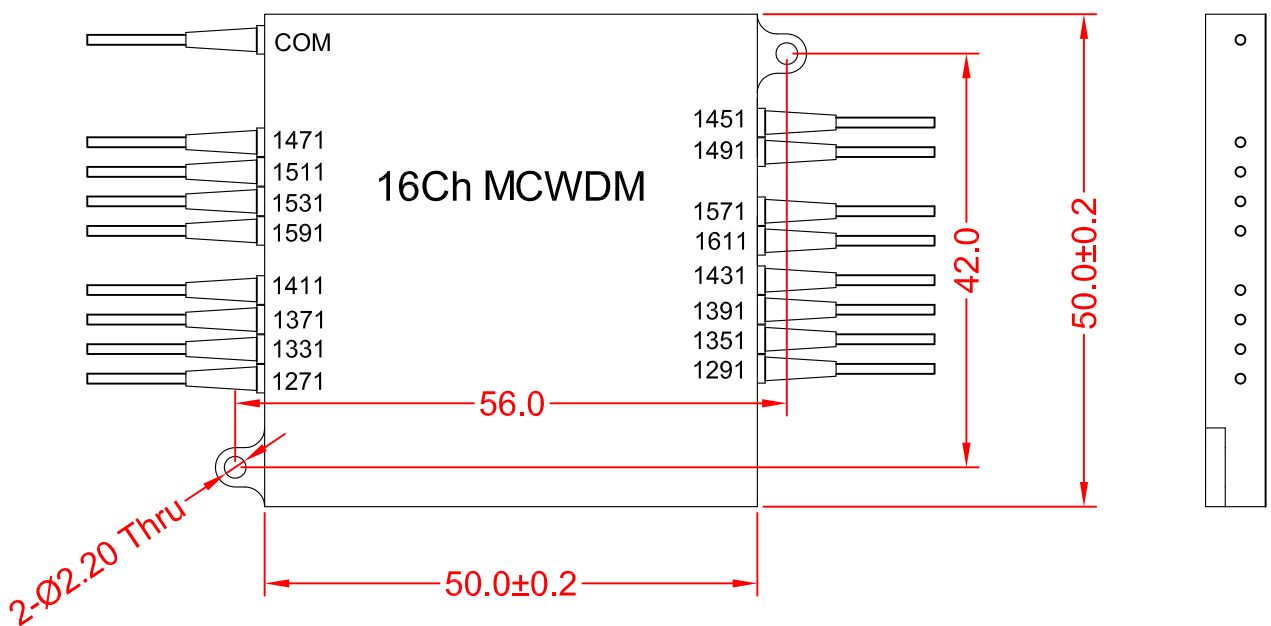
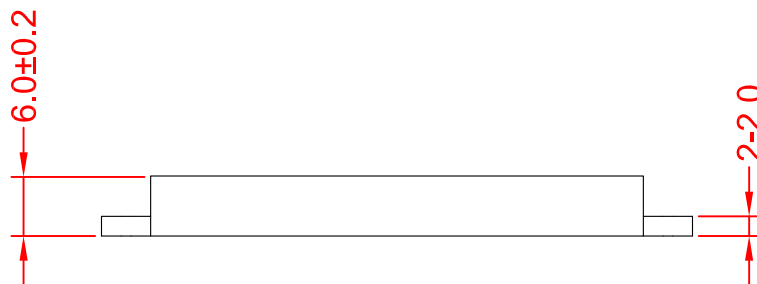
Package Dimensions



MCWDM-1x4-xx-900-1-A2



MCWDM-1x8-xx-900-1-A2



MCWDM-1x16-xx-900-1-A2