

PMF Coarse Wavelength Division Multiplexer Module (CWDM)

Features

Low Insertion Loss & High Channel Isolation
High Stability and Reliability

Applications

CWDM system
Metro/Access Networks
CATV Fiberoptic System

Specifications

Parameters	Unit	4 Channels	
CWDM Channel Insertion Loss	dB	≤2.0	
Operating Wavelength	nm	1260~1620	
Central Wavelength	nm	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611	
Channel Space	nm	20	
Channel Bandwidth	nm	λc ± 6.5	
Demux Isolation	Adjacent Channel	dB	≥30
	Non-adjacent Channel	dB	≥40
Mux Isolation	Adjacent Channel	dB	≥15
	Non-adjacent Channel	dB	≥15
Channel uniformity	dB	≤1.0	
Directivity	dB	≥55	
Return Loss	dB	≥50	
PER	dB	≥20	
PMD	ps	≤0.20	
Fiber Type		PMF 1550	
Power Handling	mW	≤300	
Operating Temperature	°C	0 ~ +70	
Storage Temperature	°C	-40 ~ +85	
Dimensions	mm	100x80x10(ABS) or 110x95x7.5(Metal)	141x115x18(ABS)

Ordering Information

PMCWDM ①-②-③③③③-④④④④-⑤-⑥-⑦⑦

①	Type	M=Mux; D=Demux;
②	Channel Type	4=4ch;
③	Start Wavelength	1471; 1491; 1511; 1531; 1551; 1571; 1591; 1611;
④	Pigtail Type	250=250um Fiber; 900=900um Loose Tube; 3mm=3mm Loose Tube;
⑤	Fiber Type	5=PMF;
⑥	Fiber Length	1=1m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;