

1x2 PM Coarse Wavelength Division Multiplexer (PMCWDM)

Features

- Low Insertion Loss & High Channel Isolation
- High Stability and Reliability
- High Extinction Ratio

Applications

- CWDM system
- Metro/Access Networks
- CATV Fiberoptic System

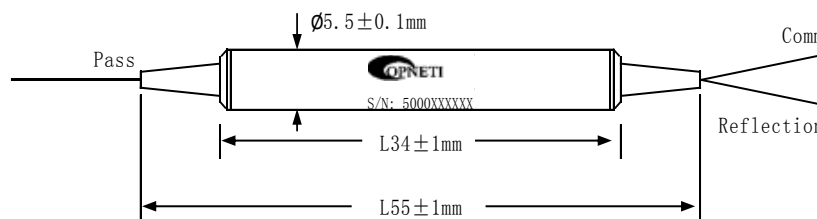
Specifications

Parameters	Unit	Values	
Central Wavelength	nm	1271, 1291, 1311,1551, 1571, 1591, 1611	
Operating Wavelength	nm	1260~1620	
Channel Space	nm	20	
Channel Bandwidth	nm	$\lambda_c \pm 6.5$	
Insertion Loss	Pass Band	dB	≤ 0.6
	Reflection Band	dB	≤ 0.6
Isolation	Pass Band	dB	≥ 30
	Reflection Band	dB	≥ 15
Extinction Ratio	dB	≥ 20	
Directivity	dB	≥ 55	
Return Loss	dB	≥ 50	
Wavelength Thermal Stability	nm/°C	≤ 0.003	
Insertion Loss Thermal Stability	dB/°C	≤ 0.005	
Power Handling	mW	≤ 500	
Operating Temperature	°C	0 ~ +70	
Storage Temperature	°C	-40 ~ +85	
Dimensions	mm	$\phi 5.5 \times L34$	

*For devices with connectors, IL+0.3dB, RL-5dB, ER-2dB.

*The default connectors key is aligned to slow axis.

Package Dimensions



Ordering Information

PMCWDM- ①①①-②②②②-③③③-④-⑤-⑥⑥

①	Port	1x2;
②	Wavelength	1271; 1291; 1311; 1331; 1351; 1371; 1431; 1451;
③	Pigtail Type	250=250um Fiber; 900=900um Loose Tube;
④	Fiber Type	5=PM Fiber;
⑤	Fiber Length	1=1m;
⑥	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;