



PM Coarse Wavelength Division Multiplexer (PMCWDM)

Product Features

- Wide pass band
- Low Insertion Loss
- Access Network › Epoxy-free on Optical Path

Product Applications

- Communication Systems
- Test Instrumentations
- Fiber Sensors
- Research

Specifications

Parameter	Unit	Value
Central Wavelength	nm	1271, 1291, 1311,1551, 1571, 1591, 1611
Channel space	nm	20
Channel bandwidth	nm	$\lambda_c \pm 7.5$
Insertion Loss-Comm~Pass	dB	≤ 0.5
Insertion Loss-Comm~Ref	dB	≤ 0.4
Isolation	Adjacent channel	≥ 30
	Non-adjacent channel	≥ 40
Directivity	dB	≥ 55
Return loss	dB	≥ 50
ER	dB	≥ 22
Power handling	mW	≤ 500
Operating temperature	°C	0 ~ +70
Storage temperature	°C	-40 ~ +85
Dimensions (LxH)	mm	5.5X35

* Above specifications are for devices without connectors

* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower

* The PM fiber and the connector key are aligned to the slow axis

Ordering Information

PMC WDM	Port Type	Wavelength	Pigtail Type	Fiber Type	Length	Connector
1x1	1ch 2ch 3ch Specify	1271 1291 1611 Specify	250um 900um Specify	PM1310 PM1550 Specify	1m Specify	None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify