

PM Dense Wavelength Division Multiplexer (PMDWDM)

Product Features

- Good channel-to-channel uniformity
- Low Insertion Loss
- Wide Operating Wavelength: From 1460nm to 1620nm

Product Applications

- Communication Systems
- DWDM System
- Fiber Sensors
- Research

Specifications

Parameter	Unit	Value	
Channel Space()		100 or 200	
Central Wavelength	nm	1x1	
Center Wavelength Accuracy	nm	ITU Grid	
Fiber Type	nm	± 0.05	
Insertion Loss	dB	PM1310 or PM1550 with 900um loose tube or customer specified	
Passband Ripple	dB	0.7	
ER	dB	0.5	
Isolation	Adjacent channel	dB	25
	Non-adjacent channel	dB	40
PMD	ps	0.1	
RL	dB	45	
Directivity	dB	50	
Maximum Optical Power	mW	300	
Operating temperature	°C	0 ~ +70	
Storage temperature	°C	-40 ~ +85	
Dimensions (LxWxH)	mm	5.5X35mm	

* 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

PMD WDM	Port Type	WDM Type	Pigtail Type	Initial Wavelength	Length	Connector
	1X1 1X2 1X4 1X8 1X16 Specify	100G 200G Specify	250um 900um Specify	21=21CH 54=54CH Specify	1m Specify	None FC/APC FC/UPC SC/APC LC/UPC Specify