

# PM Dense Wavelength Division Multiplexer (PMDWDM)

## Product Features

- Wide pass band
- 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