



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		100G
Center wavelength CWL (nm)		1529.55~1561.42 (ITU 20~ 60)
Bandwidth @0.5dB (nm)		≥0.2
Pass Band	Insertion loss (dB)	≤0.8
	Isolation (dB)	≥25
Reflection Band	Insertion loss (dB)	≤0.6
	Isolation(dB)	≥12
Extinction Ratio @ 23°C (dB)		≥20
Direcitivity (dB)		≥50
Return Loss (dB)		≥50
Center Wavelength Stability (nm/°C)		≤0.002
Thermal Stability (dB/°C)		≤0.005
Power handling (mW)		≤500
Operating temperature (°C)		-5 ~ +70
Storage temperature (°C)		-40 ~ +85
Fiber Type		PM Panda fiber
Dimensions (mm)		φ5.5×L35

* 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