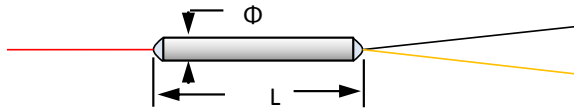


Fused Polarization Maintaining (PM) WDM 637/685nm

The 637/685nm Fused Polarization Maintaining (PM) Wavelength Division Multiplexer (WDM) is based on fused biconical taper (FBT) technology. It provides wavelength division multiplexing while maintaining signal polarization with high extinction ratio.



Features

- Low Insertion Loss
- High Extinction Ratio
- High Power Handling
- Telcordia Compliant Test

Applications

- EDFA
- Fiber Laser
- Lab & Research

Performance Specification

Parameter	Value	Unit
Pump Port	Wavelength	637±3.5
	Max. Insertion Loss	1.3
	Min. Isolation @ 685±3.5nm	13
Signal Port	Wavelength	685±3.5
	Max. Insertion Loss	1.3
	Min. Isolation @ 637±3.5nm	13
	Min. Extinction Ratio	13
	Max. Optical Power (Continuous Wave)	2
	Max. Tensile Load	5
Fiber Type	PM-630 Fiber on Each Port	
Operating Temperature	-40 to +85	°C
Storage Temperature	-50 to +85	°C
Package Dimension	Φ3.0×L76	mm

Note

* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.
 * Slow axis operating as standard if no special requirement, fast axis operating available upon request.
 * The PM fiber and the connector key are aligned to the slow axis.

Ordering Information

PMWDM-AAA/AAA-B-CC-DD

AAA/AAA	B	CC	DD
Wavelength	Fiber Jacket	Fiber Length	Connector
637/685 - 637/685nm	B - 250um Bare	05 - 0.5m	NE - None
SSS/SSS - Specify	Fiber	08 - 0.8m	FA - FC/APC
	L - 900um Loose	10 - 1.0m	FP - FC/PC
	Tube	15 - 1.5m	SA - SC/APC
		SS - Specify	SP - SC/PC
			LA - LC/APC
			LP - LC/PC
			SS - Specify