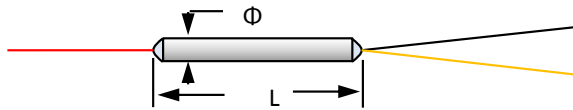


Fused Polarization Maintaining (PM) WDM 1550/980nm

The 1550/980nm 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
Signal Port	Wavelength	1550 (1530-1565)
	Insertion Loss	0.5 (Typ.), 0.7 (Max.)
	Isolation @ 980nm	22 (Typ.), 18 (Min.)
Pump Port	Wavelength	980 (970-990)
	Insertion Loss	0.3 (Typ.), 0.5 (Max.)
	Isolation @ 1550nm	22 (Typ.), 18 (Min.)
Typ. Extinction Ratio		22
Min. Extinction Ratio		20
Min. Return Loss		50
Max. Optical Power (Continuous Wave)		2 (higher power available upon request)
Max. Tensile Load		5
Fiber Type		PM Panda Fiber on Each Port
Operating Temperature		-40 to +80
Storage Temperature		-50 to +85
Package Dimension		Φ3.0×L54, Φ3.0×L70

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-AAAA/AAAA-B-CC-DD

AAAA/AAAA	B	CC	DD
Wavelength	Fiber Jacket	Fiber Length	Connector
1550/980 - 1550/980nm	B - 250um Bare	05 - 0.5m	NE - None
1550/1064 - 1550/1064nm	Fiber	08 - 0.8m	FA - FC/APC
1550/1310 - 1550/1310nm	L - 900um Loose	10 - 1.0m	FP - FC/PC
1550/1480 - 1550/1480nm	Tube	15 - 1.5m	SA - SC/APC
1064/980 - 1064/980nm		SS - Specify	SP - SC/PC
1310/980 - 1310/980nm			LA - LC/APC
SSSS/SSSS - Specify			LP - LC/PC
			SS - Specify