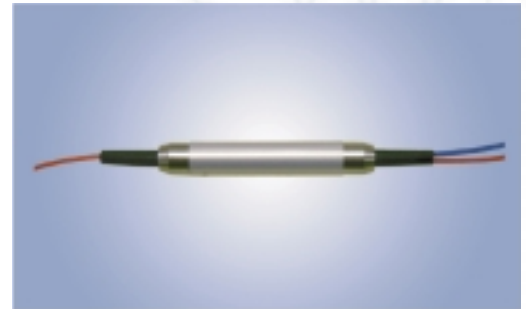




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PM Wavelength Division Multiplexer

Polarization Maintaining Wavelength Division Multiplexer (PMWDM) using Thin Film Filters technology (TFF) combine light with different wavelengths into a fiber or separate an optical signal into two fibers with special feature - maintaining polarization. This device provides low insertion loss and high return loss with high polarization extinction ratio.



Types

- Fused WDM
- Thin Film Filter WDM
- MultiMode WDM
- Polarization Maintaining WDM

Applications

- High Speed DWDM Systems
- Erbium-Doped Fiber Amplifiers
- CATV

Features

- Low Insertion Loss
- High Return Loss
- High Polarization Extinction Ratio
- Environmentally Stable



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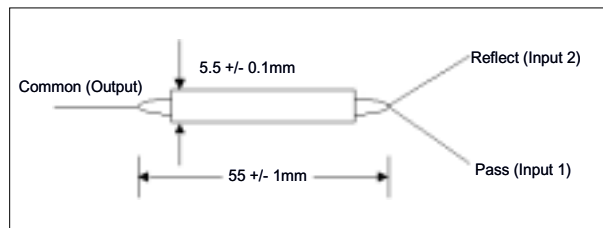
SPECIFICATIONS

Polarization Maintaining WDM (1270/1577nm)

Parameter	Values	Units
Passband	Wavelength Range	1270 +/-40
	Max. Insertion Loss	0.8
	Min. Isolation	25
Reflection Band	Wavelength Range	1577 +/-40
	Max. Insertion Loss	0.6
	Min. Isolation	12
Min. Extinction Ratio	20	dB
Min. Return Loss	50	dB
Max. Handling Power (CW)	300	mW
Max. Tensile Load	5	N
Fiber Type	PM 1310 Panda Fiber on Input 1 & Input 2 and SMF-28 on Output Port	--
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C

*Above specifications are for device without connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.



ORDERING CODES

OLWDM - P - [] - [] - []

Wavelength	Code
1270Pass/1577Reflection	1215
Others	XX

Fiber Type	Code
250um bare fiber	25
900um loose tube	90
Others	XX

Connector Type	Code
No Connector	NC
FC/UPC	FU
SC/UPC	SU
FC/APC	FA
SC/APC	SA
Others	XX

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