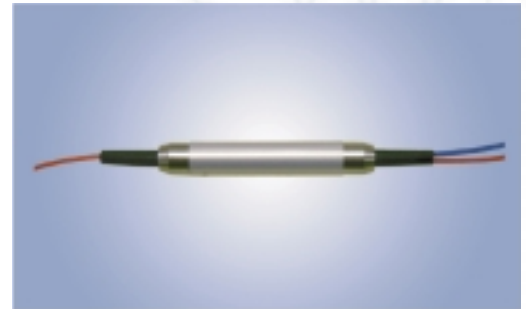




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PM Wavelength Division Multiplexer

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



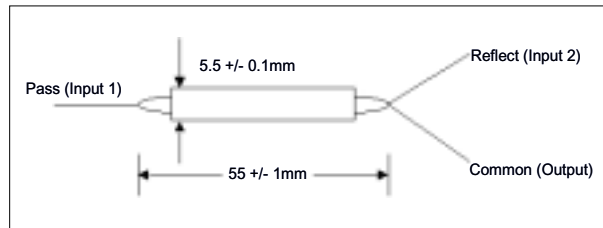
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SPECIFICATIONS

Polarization Maintaining WDM (1310/980nm)

Parameter	Values	Units	
Passband	Wavelength Range	1310 +/- 50	nm
	Max. Insertion Loss (Pass->Common)	1.0	dB
	Min. Isolation	25	dB
Reflection Band	Wavelength Range	980 +/- 10	nm
	Max. Insertion Loss (Reflect->Common)	0.7	dB
	Min. Isolation	12	dB
Min. Extinction Ratio	20	dB	
Min. Return Loss	50	dB	
Min. Signal Blocking (Reflect->Pass, Reflection Wavelength)	55	dB	
Max. Tensile Load	5	N	
Max. Handling Power	1000	mW	
Fiber Type	PM 1300 Panda Fiber on Pass Port, PM 980 Panda Fiber on Reflect Port and Common Port	--	
Operating Temperature	-5 to +70	°C	
Storage Temperature	-40 to +85	°C	

*Above specifications are for device without connectors.



ORDERING CODES

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

Wavelength	Code
1310Pass/980Reflection	9813R

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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