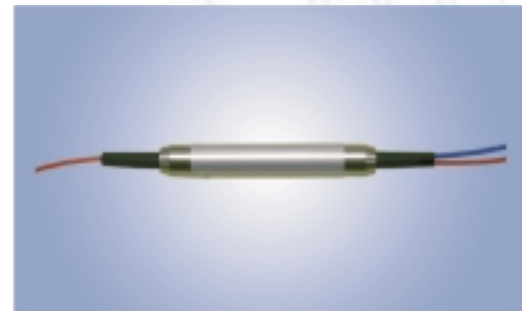




Opto-Link  
Corporation Ltd

# 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



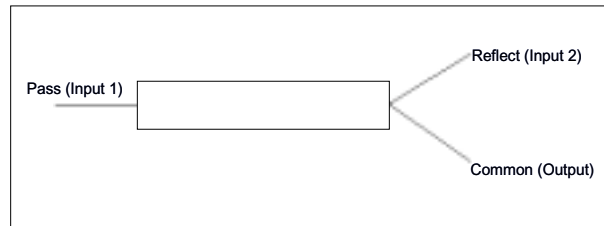
Opto-Link  
Corporation Ltd

## SPECIFICATIONS

### Polarization Maintaining WDM (1060/1550nm)

Parameter	Values	Units	
Passband	Wavelength Range	1060 +/-10 or 1100 +/-10	nm
	Max. Insertion Loss	0.8	dB
	Max. Flatness	0.3	dB
Reflection Band	Wavelength Range	1550 +/-20	nm
	Max. Insertion Loss	0.7	dB
	Max. Flatness	0.3	dB
Min. Extinction Ratio	20	dB	
Min. Return Loss	50	dB	
Min. Directivity	50	dB	
Max. Handling Power (CW)	3000	mW	
Fiber Type	PM 980 Panda Fiber on Pass and Common, PM 1550 Panda Fiber on Reflect	--	
Operating Temperature	-5 to +70	°C	
Storage Temperature	-40 to +85	°C	
Dimensions	120 x 12 x 10	mm	

\*Above specifications are for device without connectors.



## ORDERING CODES

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

Wavelength	Code
1060Pass/1550Reflection	1015
1100Pass/1550Reflection	1115

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

■ Opto-Link Corporation Ltd. reserves the right to make changes to the products described herein without notice.

COPYRIGHT © 2002-2007 Opto-Link Corporation Ltd.

Tel: +852 2480-6106 Fax: +852 2480-1621 Email: [contact@optolinkcorp.com](mailto:contact@optolinkcorp.com) Website: [www.optolinkcorp.com](http://www.optolinkcorp.com)