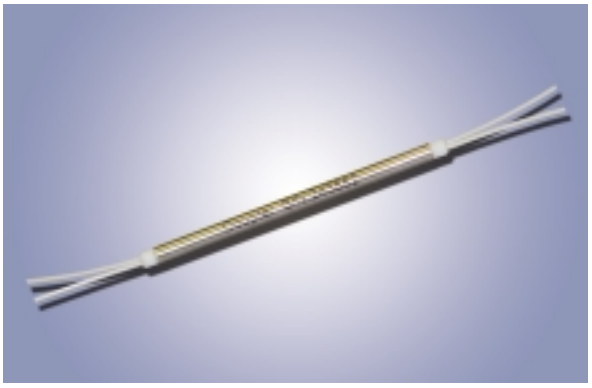
Opto-Link
Corporation Ltd

Polarization Maintaining Couplers

(Wavelength: 980nm)

The Polarization Maintaining (PM) Coupler Provides optical signal splitting with accurate tap ratio while preserving the state of polarization. By combining thin film filter technology and PM collimators, the PM coupler features has low insertion loss, high return loss, high extinction ratio and environmentally stable.



Applications

- Test Equipment
- Raman Amplifier
- Eribium-Doped Fiber Amplifier
- Sensor System

Features

- Ultra Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- Accurate Coupling Ratio
- Wide Bandwidth
- Environmentally Stable

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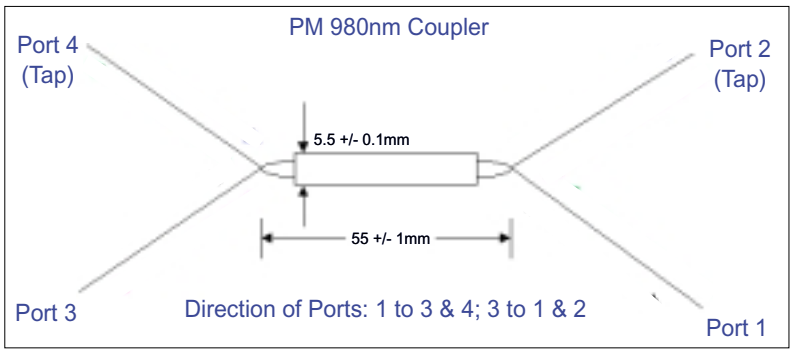
SPECIFICATIONS

Polarization Maintaining Couplers at 980nm

Parameter	Values		Units
Center Wavelength	980		nm
Operating Wavelength Range	+/- 10		nm
Configuration	1x2	2x2	--
Max. Excess Loss	1.2	1.7	dB
Max. Uniformity (only for 50%)	0.8	1.0	dB
Tap Ratio	1+/-0.2%, 2+/-0.4%, 5+/-1%, 10%, and 50%		--
Min. Return Loss	50		dB
Min. Extinction Ratio	20		dB
Max. Optical Power (Continuous Wave)	300		mW
Max. Tensile Load	5		N
Operating Temperature	-5 to +70		°C
Storage Temperature	-40 to +85		°C
Fiber Type	HI1060 or PM Panda Fiber on Tap Port PM Panda Fiber on Input & Output Port		--

*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

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Port	Code
1x2	12
2x2	22

Wavelength	Code
980 nm	098
Specify	X

Coupling Ratio	Code
50/50	50
40/60	40
30/70	30
20/80	20
Specify	XX

Lead Types	Code
250 µm bare fiber	25
900 µm loose tube	90
3 mm loose cable	3

Connector Type	Code
No Connectors	NC
FC/PC	FP
SC/PC	SP
FC/APC	FA
SC/APC	SA
LC/PC	LP
MU/PC	MP
Others	XX

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

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