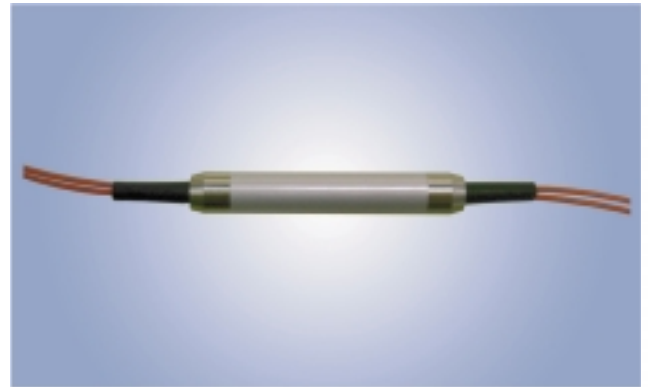




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Polarization Maintaining Couplers

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
- Erbium-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 (1270/1577nm)

Parameter	Values		Units
Center Wavelength	1270 & 1577		nm
Operating Wavelength Range	+/- 20		nm
Type	1x2	2x2	--
Max. Excess Loss	1.0	1.2	dB
Max. Uniformity	0.8	1.0	dB
Min. Extinction Ratio	20	20	dB
Tap Ratio	1+/-0.2%, 2+/-0.4%, 5+/-1%, 10%, 20% and 50%		--
Min. Return Loss	50		dB
Max. Optical Power (CW)	300		mW
Max. Tensile Load	5		N
Operating Temperature	-5 to +70		°C
Storage Temperature	-40 to +85		°C
Fiber Type	SMF-28 or PM Panda Fiber on Tap Port PM Panda Fiber on Input & Output Port		--

*Above specifications are for device without connectors.

*Above specifications are for device with fast axis blocked.

ORDERING CODES

OLCPL - P - [] - [] - [] - [] - []

Port	Code
1x2	12
2x2	22

Wavelength	Code
1270/1577 nm	125
Others	XX

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
Others	XX

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