

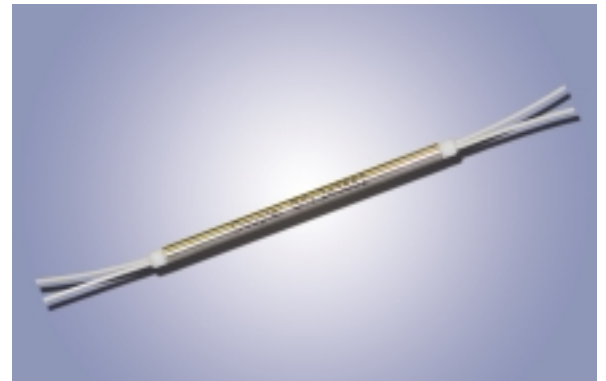


Opto-Link
Corporation Ltd

Polarization Maintaining Couplers

(Wavelength: 850nm)

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 at 850nm

Parameter	Values		Units
Operating Wavelength	850		nm
Operating Wavelength Range	+/- 40		nm
Configuration	1x2	2x2	--
Max. Excess Loss	0.8	1.1	dB
Max. Uniformity	0.6	0.8	dB
Min. Extinction Ratio	20	18	dB
Tap Ratio	1+/-0.2%, 5+/-1.0%, 10%, 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 for tap port PM Panda fiber for input & output ports		--

*IL is 0.3dB higher, RL is 5dB lower, and ER is 2dB lower for each connector added.

*Connector key is aligned to slow axis.

ORDERING CODES

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

Port	Code
1x2	12
2x2	22

Wavelength	Code
850 nm	085
Specify	XX

Coupling Ratio	Code
01/99	01
10/90	10
50/50	50

Lead Types	Code
250µm 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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