

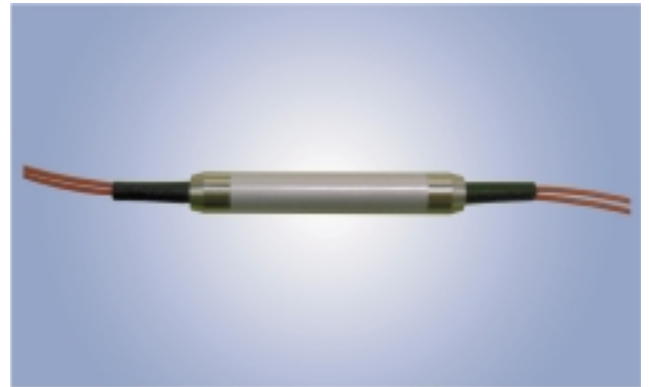


Opto-Link
Corporation Ltd

Polarization Maintaining Couplers

(with RC PM Fiber)

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 (with RC PM Fiber)

Parameter	Values		Units
Center Wavelength	1310 or 1550		nm
Operating Wavelength Range	+/- 40		nm
Type	1x2	2x2	--
Max. Excess Loss	0.7	1.0	dB
Max. Uniformity	0.6	0.8	dB
Tap Ratio	1+/-0.2%, 2+/-0.4%, 5+/-1%, 10%, 20% and 50%		--
Min. Return Loss	50		dB
Min. Extinction Ratio	20	18	dB
Max. Optical Power	300		mW
Max. Tensile Load	5		N
Operating Temperature	-5 to +50		°C
Storage Temperature	-40 to +85		°C
Fiber Type	RC SMF-28 or RC PM Panda Fiber on Tap Port RC PM Panda Fiber on Input & Output Port		--

*Above specifications are for device without connectors.

ORDERING CODES

OLCPL - PRC - [] - [] - [] - [] - []

Port	Code
1x2	12
2x2	22

Wavelength	Code
1550 nm	155
Others	XX

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

Lead Type	Code
165 μm bare fiber	16
900 μm loose tube	90
Others	XX

Connector Type	Code
No Connector	NC
Others	XX

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Tel: +852 2480-6106 Fax: +852 2480-1621 Email: contact@optolinkcorp.com Website: www.optolinkcorp.com