

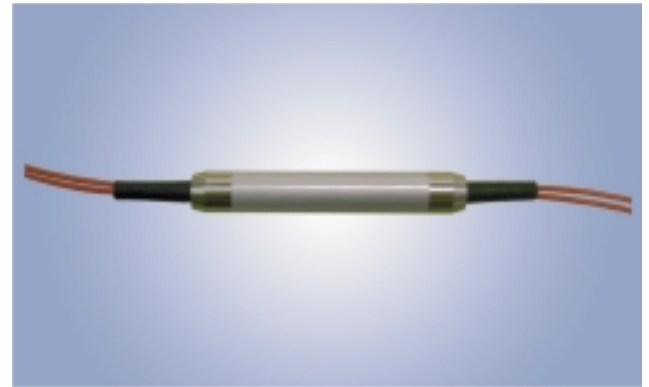


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# Polarization Maintaining Couplers

(Wavelength: 1064nm)

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 1064nm

Parameter	Values	Units
Center Wavelength	1064	nm
Operating Wavelength Range	+/- 30	nm
Type	1 x 8	--
Max. Insertion Loss	11.5	dB
Max. Wavelength Dependent Loss	0.5	dB
Max. Uniformity	1.0	dB
Min. Directivity	45	dB
Min. Return Loss	50	dB
Min. Extinction Ratio	23	dB
Max. Temperature Dependent Loss	0.008	dB/°C
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C
Fiber Type	PM Panda Fiber	--
Dimensions	160 x 160 x 10	mm

\*Above specifications are for device without connectors.

\*Above specifications are for device with fast axis blocked.

## ORDERING CODES

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

Port	Code
1x8	18

Wavelength	Code
1064 nm	106
Specify	X

Coupling Ratio	Code
Even Split	12.5

Lead Types	Code
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

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