

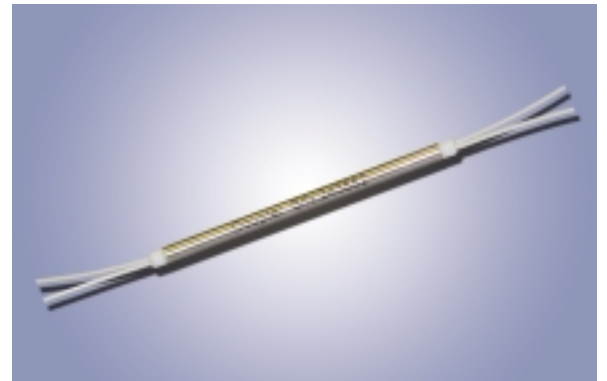


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# Polarization Maintaining Couplers

(Configuration: 1 x 3)

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 (1x3)

Parameter	Values	Units
Center Wavelength	1064	nm
Operating Wavelength Range	+/-30	nm
Max. Insertion Loss	6.1	dB
Typ. Insertion loss	5.7	dB
Max. Wavelength Dependent Loss	0.3	dB
Typ. Wavelength Dependent Loss	0.2	dB
Max. IL Uniformity	0.7	dB
Min. Return Loss	50	dB
Directivity	50	dB
Min. Extinction Ratio	23	dB
Fiber Type	PM Panda Fiber	--
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C
Package Dimensions	160 x 140 x 10	mm

\*IL is 0.5dB 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
1x3	13

Wavelength	Code
1064nm	106
1310 nm	131
1550 nm	155

Coupling Ratio	Code
33/33/33	33
Specify	XX

Lead Type	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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