

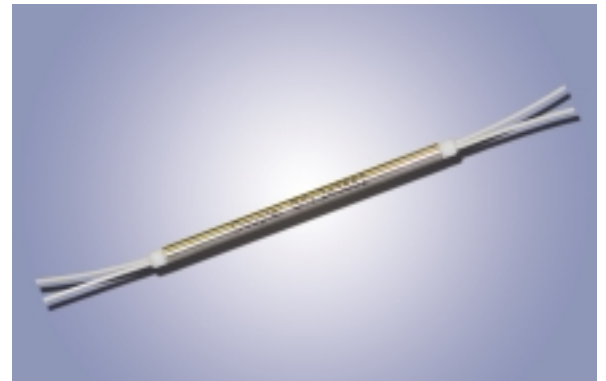


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# Polarization Maintaining Couplers

(Wavelength: 1310 or 1550nm)

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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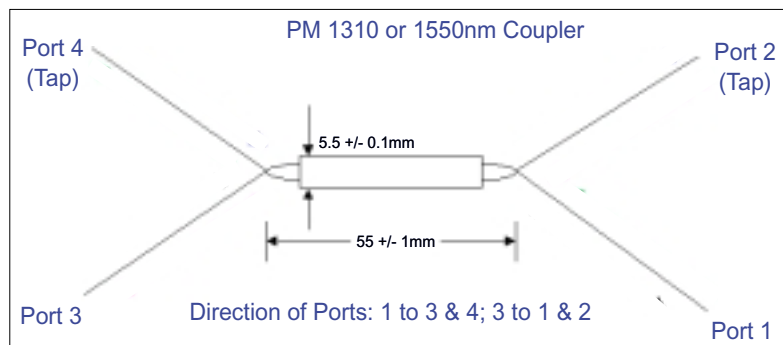
## SPECIFICATIONS

### Polarization Maintaining Couplers at 1310 or 1550nm

Parameter	Values		Units
Center Wavelength	1310 or 1550		nm
Operating Wavelength Range	+/- 40		nm
Configuration	1x2	2x2	--
Max. Excess Loss	0.7	1.1	dB
Max. Uniformity (only for 50%)	0.6	0.8	dB
Tap Ratio	1+/-0.2%, 2+/-0.4%, 4+/-0.8%, 5+/-1%, 10%, 20% and 50%		--
Min. Return Loss	50		dB
Min. Extinction Ratio	20		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	HI1060 or PM Panda Fiber on Tap Port PM Panda Fiber on Input & Output Port		--

\*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
1x2	12
2x2	22

Wavelength	Code
1310 nm	131
1550 nm	155

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
LC/PC	LP
MU/PC	MP
Others	XX

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