

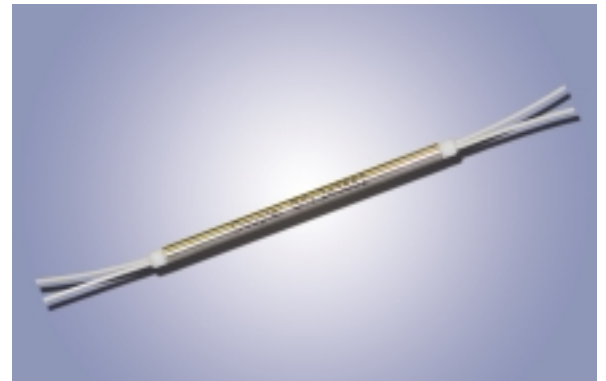


Opto-Link
Corporation Ltd

Polarization Maintaining Couplers

(Configuration: 1 x 4)

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 (1 x 4)

Parameter	Values	Units
Center Wavelength	1310 or 1550	nm
Operating Wavelength Range	+/- 20	nm
Type	1 x 4	--
Nominal Split Ratio	25	%
Max. Insertion Loss	7.8	dB
Max. Excess Loss	1.8	dB
Max. Uniformity	0.7	dB
Min. Extinction Ratio	20	dB
Min. Directivity	50	dB
Min. Return Loss	55	dB
Max. Handling Power	500	mW
Operating Temperature	-5 to +60	°C
Storage Temperature	-40 to +85	°C
Fiber Type	PM Panda Fiber	--
Fiber Length	1.0 or Specify	m
Dimensions	80 x 50 x 10	mm

*Above specifications are for device without connectors.

ORDERING CODES

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

Port	Code
1x4	14

Wavelength	Code
1310 nm	131
1550 nm	155
Specify	X

Coupling Ratio	Code
25/25/25/25	25
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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