

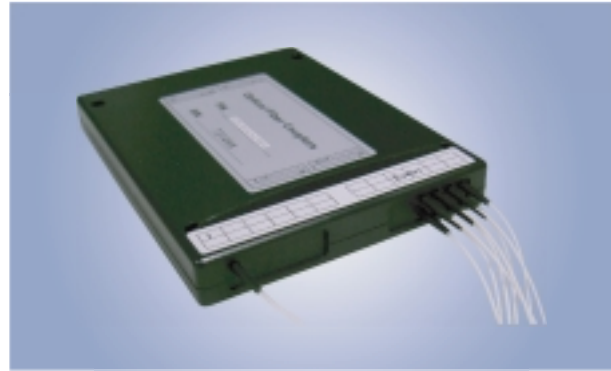


Opto-Link
Corporation Ltd

Polarization Maintaining Filter Couplers Module

Wavelength: 1310nm 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 equipments
- 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 Filter Couplers module at 1310nm or 1550nm

Parameter	Values		Units
Center Wavelength	1310 or 1550		nm
Operating Wavelength Range	+/- 20		nm
Configuration	1x16	1x32	--
Insertion Loss	<14.8, Typ. 14.3	<18.5, Typ. 18.0	dB
Wavelength Dependent Loss	<0.5, Typ. 0.3	<0.5, Typ. 0.3	dB
Ports IL Uniformity	<1.2	<1.5	dB
Return Loss	>45	>45	dB
Directivity	>45	>45	dB
Extinction Ratio	>16(B type), >23(F Type)	>15(B Type), >23(F Type)	dB
PDL (only for B Type)	<0.15	<0.20	dB
Temperature Dependent Loss	<0.008	<0.010	dB/°C
Fiber Type	PM Panda Fiber		--
Operating Temperature	-5 to +60		°C
Storage Temperature	-40 to +85		°C
Package Dimensions	180x200x23	180x200x45	mm

*IL is 0.3dB higher, RL is 5dB lower, and ER is 2dB lower for each connector added.

ORDERING CODES

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

Port	Code
1 x 16	116
1 x 32	132

Wavelength	Code
1310 nm	131
1550 nm	155
Others	Please Specify

Lead Types	Code
900 μm loose tube	90
3 mm loose cable	3

Splitting Ratio	Code
Both Slow and Fast Axis Working	B
Fast Axis Blocked	F

Splitting Ratio	Code
Balance	BA
Others	Please Specify

Connector Type	Code
No Connector	NC
FC/PC	FP
FC/APC	FA
SC/APC	SA
Others	XX

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