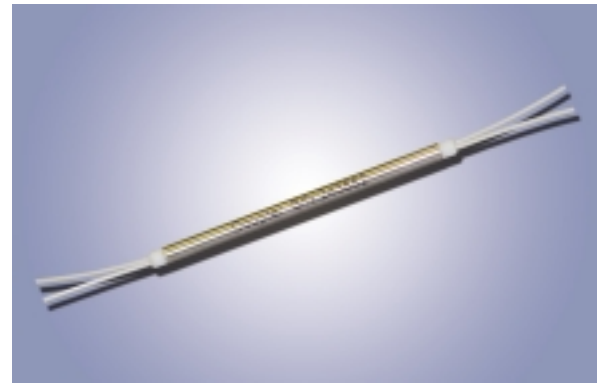




Opto-Link
Corporation Ltd

Single Mode Couplers

Single Mode Couplers are used to distribute optical signals between fibers. We offer various types of single mode coupler including standard couplers, polarization independent couplers, wavelength independent couplers and wavelength flattened couplers. These couplers are highly stable. They have low insertion loss, low polarization sensitivity and excellent uniformity.



Types

- Single Mode **Standard** Couplers
- Single Mode **Polarization Independent** Couplers
- Single Mode **Wavelength Independent** Couplers
- Single Mode **Wavelength Flattened** Couplers

Applications

- Long Haul Telecommunications
- Test Equipment
- CATV System
- Fiber Optic Sensors
- Network Monitoring
- LAN, WAN Systems
- Subscribers Loop

Features

- Ultra Low Insertion Loss
- Ultra Low Polarization Sensitivity
- Dual-Window
- Various Coupling Ratio
- Wide Bandwidth
- Environmentally Stable
- Excellent Uniformity



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SPECIFICATIONS

Single Mode Couplers (980nm)

Parameter		Standard	Units
Operating Wavelength		980	nm
Bandwidth		±10	nm
Configuration		1x4	--
Coupling Ratio		25/25/25/25	%
Insertion Loss	Max	8.2	dB
Uniformity	Max	1.0	dB
PDL	Max	0.1	dB
Fiber Length		1	m
Operating Temperature		-20 to +70	°C
Dimensions		120 x 80 x 12	mm

*Above specifications are for device without connectors.

ORDERING CODES

OLCPL – S – [] – [] – [] – [] – [] – []

Features	Code
Standard	SD

Wavelength	Code
980 nm	098
Others	Please Specify

Port	Code
1 x 4	14

Coupling Ratio	Code
25/25/25/25	25

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

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

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