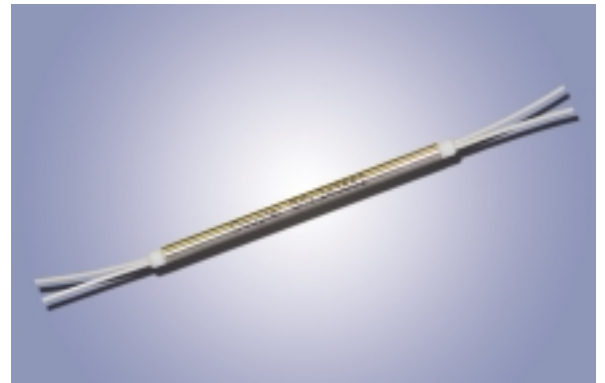




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## Single Mode Couplers

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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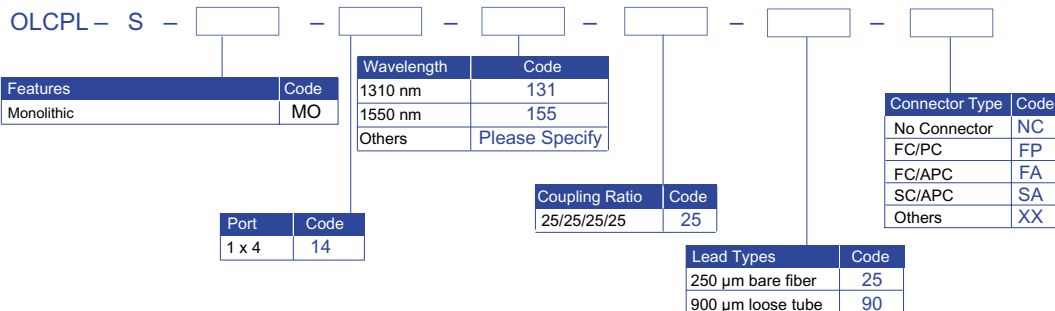
## SPECIFICATIONS

### Single Mode 1x4 Monolithic Couplers (1310nm, 1550nm)

Parameter		Monolithic		Units
Operating Wavelength		1310 or 1550	1310/1550	nm
Bandwidth		±40		nm
Coupling Ratio		25/25/25/25		%
Insertion Loss	Max	6.6	7.0	dB
Polarization Dependent Loss (PDL)	Max	0.05	0.12	dB
Wavelength Dependent Loss (WDL)		0.4	0.8	dB
Uniformity	Max	0.6	1.0	dB
Thermal Stability	Max	0.0025		dB
Directivity	Min	50		dB
Operating Temperature		-20 to +70		°C
Dimensions		Ø4.0 x 56		mm

\*Above specifications are for device without connectors.

## ORDERING CODES



■ Opto-Link Corporation Ltd. reserves the right to make changes to the products described herein without notice.

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