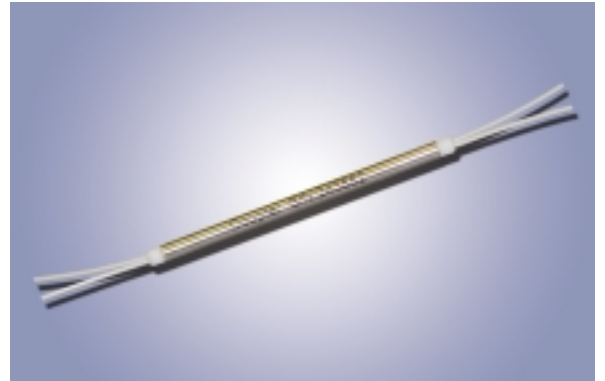




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Single Mode Couplers

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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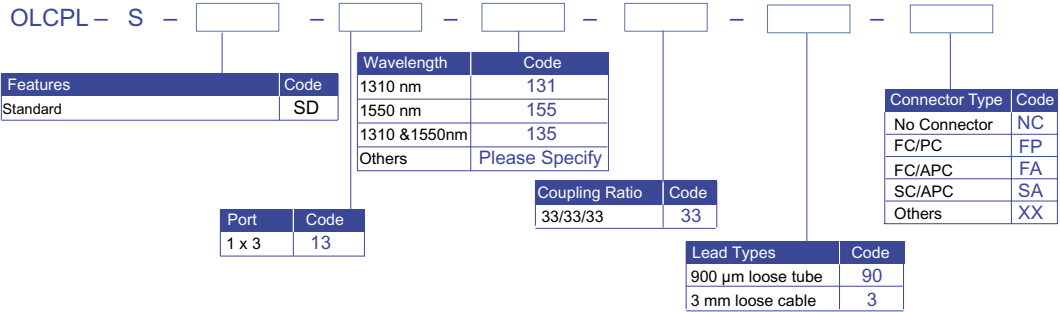
SPECIFICATIONS

Single Mode 1x3 Standard Couplers (1310nm, 1550nm)

Parameter		Standard	Units
Operating Wavelength		1310 or 1550, others on request	nm
Bandwidth		±40	nm
Excess Loss	Max	0.1	dB
Insertion Loss	Max	5.4	dB
Polarization Dependent Loss (PDL)	Max	0.2	dB
Uniformity	Max	0.8	dB
Thermal Stability	Max	0.002	dB
Directivity	Min	50	dB
Fiber Length		1	m
Operating Temperature		-20 to +70	°C

*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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