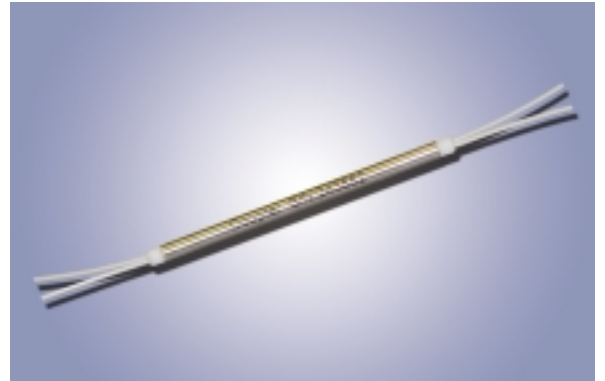




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## Single Mode Couplers

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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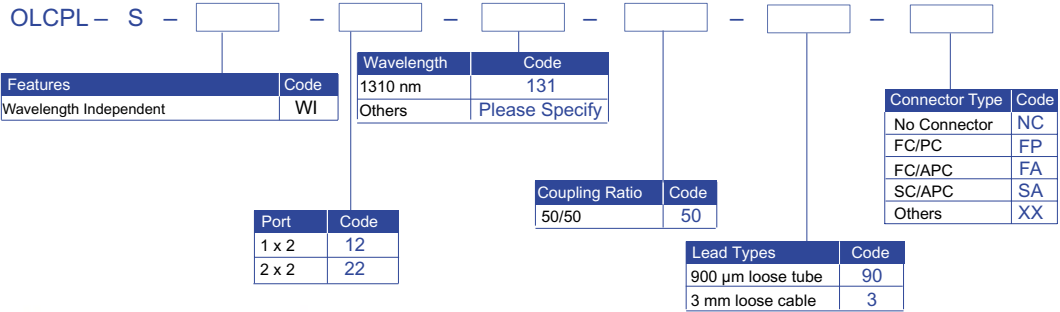
## SPECIFICATIONS

### Single Mode Couplers (1220-1410nm)

Parameter		Wavelength Independent	Units
Operating Wavelength		1310	nm
Operating Wavelength Range		1220 to 1410	nm
Excess Loss	Max	0.1	dB
Insertion Loss	Max	4.2	dB
Polarization Dependent Loss (PDL)	Max	0.08	dB
Wavelength Dependent Loss (WDL)	Max	1.0	dB
Thermal Stability	Max	0.002	dB/°C
Return Loss	Min	50	dB
Fiber Type		SMF-28	m
Operating Temperature		-20 to +70	°C
Storage Temperature		-40 to +85	°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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