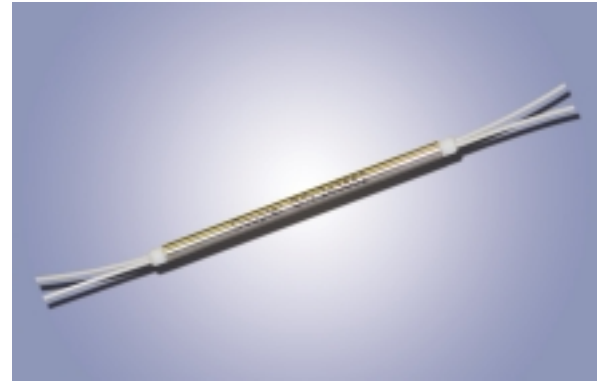




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Single Mode Couplers

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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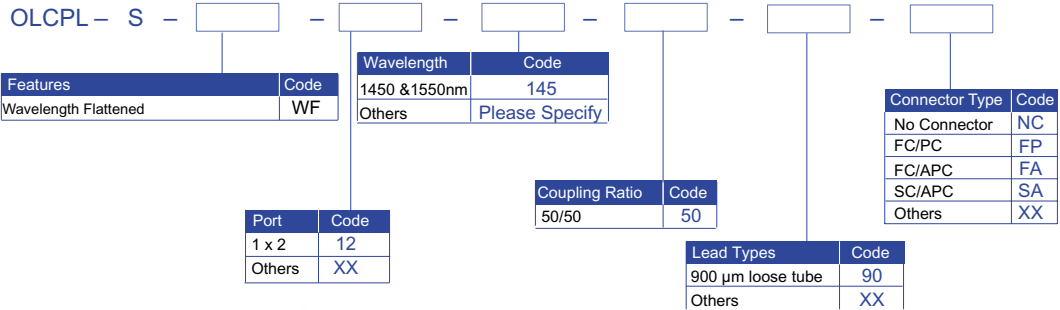
SPECIFICATIONS

Single Mode Wavelength Flattened Couplers (1450/1550nm)

Parameter		Wavelength Flattened				Units
Operating Wavelength		1450 & 1550				nm
Bandwidth		±40				nm
Configuration		1x2				--
Coupling Ratio		1/99	5/95	10/90	50/50	%
Insertion Loss	Max	21.9/0.18	14.0/0.4	11.0/0.7	3.4/3.4	dB
Wavelength Dependent Loss	Max	0.5/0.06	0.4/0.08	0.4/0.15	0.25/0.25	dB
Excess Loss	Max	0.1				dB
Polarization Dependent Loss (PDL)	Max	0.1				dB
Thermal Stability	Max	0.002				dB/°C
Directivity	Min	50				dB
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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