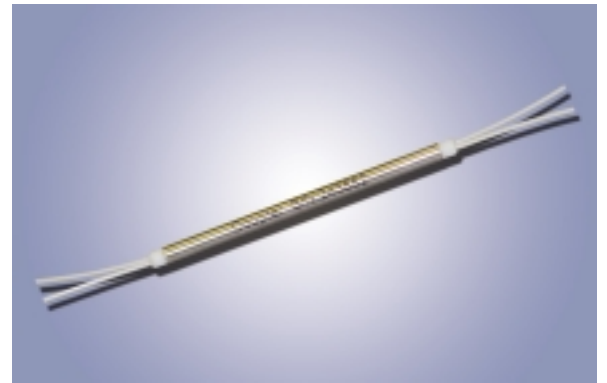




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Single Mode Couplers

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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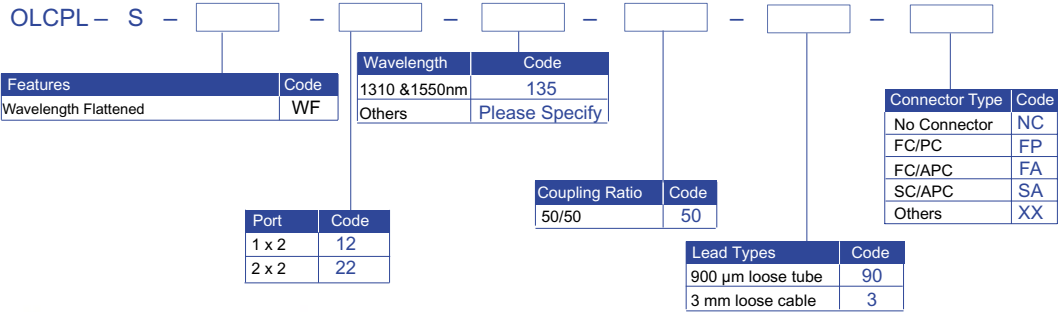
SPECIFICATIONS

Single Mode Wavelength Flattened Couplers (1310/1550nm)

Parameter		Wavelength Flattened	Units
Operating Wavelength		1310 & 1550	nm
Bandwidth		±70	nm
Configuration		1x2 or 2x2	--
Coupling Ratio		50/50	--
Excess Loss	Max	0.1	dB
Insertion Loss	Max	4.0	dB
Polarization Dependent Loss (PDL)	Max	0.1	dB
Wavelength Dependent Loss	Max	1.0	dB
Directivity	Min	50	dB
Return Loss	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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Tel: +852 2480-6106 Fax: +852 2480-1621 Email: contact@optolinkcorp.com Website: www.optolinkcorp.com