

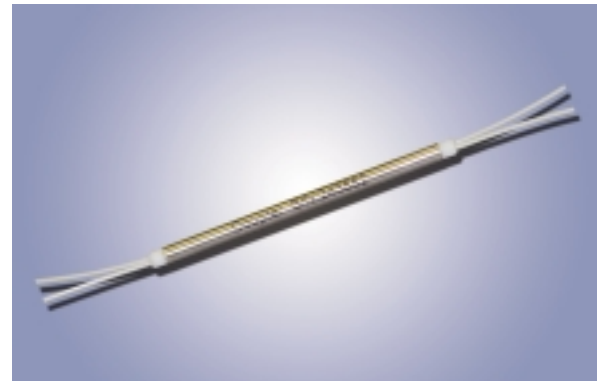


Opto-Link
Corporation Ltd

Single Mode Couplers

(Wavelength: 633nm, 780nm, 850nm)

Single Mode Standard Couplers are used to distribute optical signals between fibers. The couplers are manufactured using fused biconical taper technology. These couplers are highly stable and they have low insertion loss, low polarization sensitivity and excellent uniformity.



Applications

- Long Haul Telecommunications
- Test Equipment
- CATV System
- Fiber Optic Sensors
- Network Monitoring
- LAN, WAN Systems
- Subscriber Loop

Features

- Ultra Low Insertion Loss
- Ultra Low Polarization Sensitivity
- Various Coupling Ratio
- Wide Bandwidth
- Environmentally Stable
- Excellent Uniformity



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SPECIFICATIONS

Single Mode Couplers (780nm, 850nm)

Parameter	Values	Units
Operating Wavelength	850 (or others within 780~860)	nm
Operating Bandwidth	+/- 5	nm
Configuration	1x2 or 2x2	--
Coupling Ratio	50/50, others on request	%
Excess Loss	0.3	dB
Typ. Insertion Loss	3.6	dB
Uniformity	< 0.6	dB
Directivity	> 50	dB
Operating Temperature	-20 to +75	°C
Storage Temperature	-40 to +80	°C

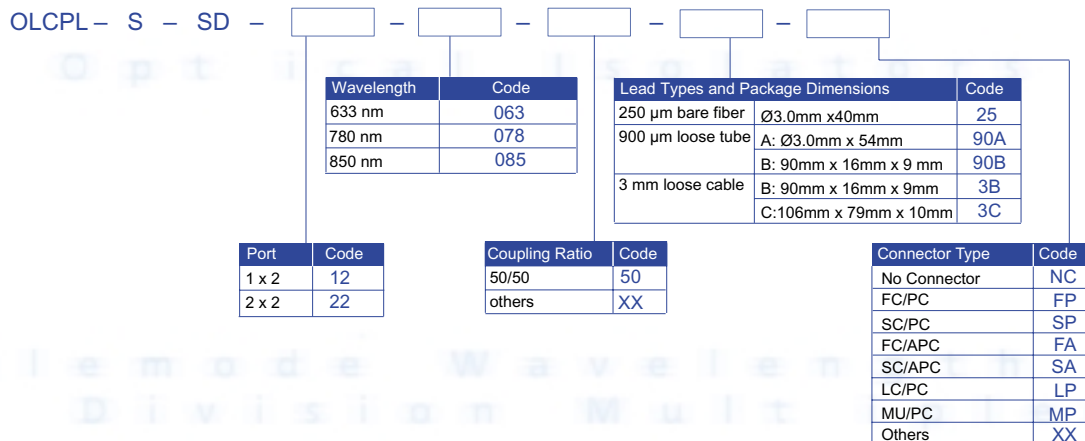
*Above specifications are for device without connectors.

Single Mode Couplers (633nm)

Parameter	Values	Units
Operating Wavelength	633	nm
Operating Bandwidth	+/- 15	nm
Configuration	1x2 or 2x2	--
Coupling Ratio	50/50 ~ 1/99	%
Excess Loss	0.2	dB
PDL	< 0.15	dB
Directivity	> 55	dB
Operating 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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