

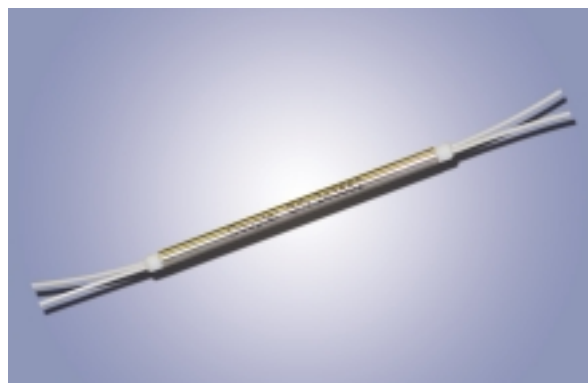


Opto-Link
Corporation Ltd

Single Mode Standard Couplers

Wavelength: 980nm

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 flattenend couplers. These couplers are highly stable. They have low insertion loss, low polarization sensitivity and excellent uniformity.



Applications

- Long Haul telecommunications
- Test equipments
- CATV system
- Fiber optic sensors
- Network monitoring
- LAN, WAN systems
- Subscribers loop

Features

- Low insertion loss
- Low polarization sensitivity
- Environmentally stable
- Excellent uniformity



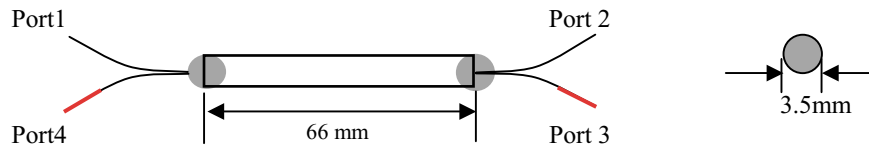
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SPECIFICATIONS

Single Mode Standard Couplers at 980nm

Parameter	Values	Units
Operating Wavelength	980	nm
Bandwidth	+/- 10	nm
Fiber Type	Corning HI1060 Flex	dB
Coupling Ratio	50/50	--
Max. Insertion Loss	3.4	dB
Return Loss	> 50	dB
Polarization Dependent Loss	< 0.10	dB
Directivity	>55	dB
Operating Temperature	-10 to +70	°C

Package Dimension



ORDERING CODES

OLCPL - S - [] - [] - [] - [] - []

Wavelength	Code
980 nm	098

Lead Types and Package Dimensions		Code
250 μ m bare fiber	\varnothing 3.0mm x52mm	25

Port	Code
1 x 2	12
2 x 2	22

Coupling Ratio	Code
50/50	50
40/60	40
30/70	30
20/80	20

Connector Type	Code
no connectors	NC
FC/PC	FP
SC/PC	SP
FC/APC	FA
SC/APC	SA
LC/PC	LP
MU/PC	MP
Others	XX

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Tel: +852 2480-6106 Fax: +852 2480-1621 Email: contact@optolinkcorp.com Website: www.optolinkcorp.com