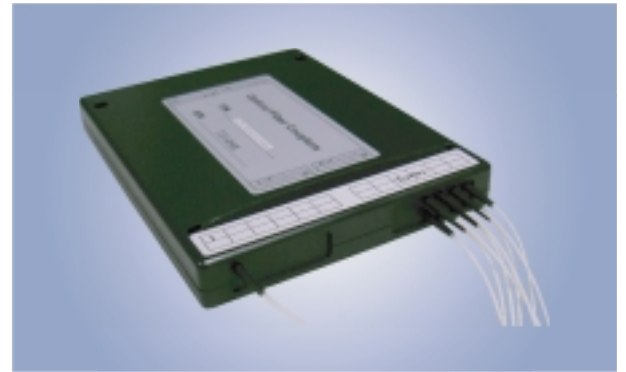




Opto-Link
Corporation Ltd

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 1x32 Couplers (1310nm, 1550nm)

Parameter		Standard	Polarization Independent	Wavelength Independent	Wavelength Flattened	Units
Operating Wavelength		1310 or 1550, others on request			1310 & 1550	nm
Bandwidth		±20	±20	±40	±40	nm
Excess Loss	Max	0.7	0.7	0.7	0.7	dB
Insertion Loss	Typ	15.5	15.5	15.5	15.5	dB
	Max	17.0	17.0	17.0	17.5	dB
Polarization Dependent Loss (PDL)	Max	0.5	0.2	0.5	0.5	dB
Uniformity	Max	3.0	3.0	3.0	4.0	dB
Thermal Stability	Max	0.5				dB
Return Loss	Min	50				dB
Directivity	Min	60				dB
Operating Temperature		-20 to +70				°C
Dimensions		145 x 116 x 18				mm

*Above specifications are for device without connectors.

ORDERING CODES

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

Features	Code	Wavelength	Code	Coupling Ratio	Code	Connector Type	Code	Lead Types	Code
Standard	SD	1310 nm	131	Even Split	3.12	No Connector	NC	900 µm loose tube	90
Polarization Independent	PI	1550 nm	155			FC/PC	FP	3 mm loose cable	3
Wavelength Independent	WI	1310 & 1550nm	135			FC/APC	FA		
Wavelength Flattened	WF	Others	Please Specify			SC/APC	SA		
Port	Code					Others	XX		
1 x 32	132								

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