



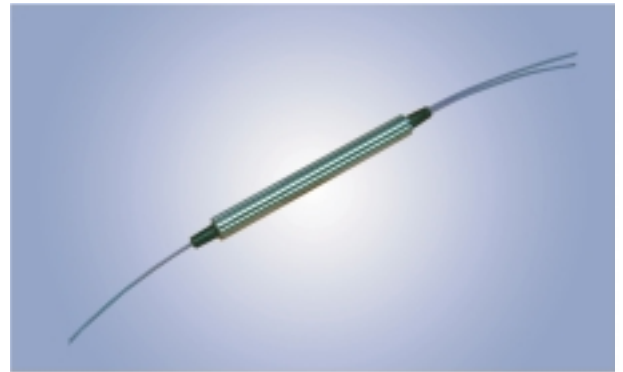
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Corporation Ltd

Polarization Independent Optical Circulators

Fiber Optic Circulator is a non-reciprocal device that redirects light from port to port in one direction. The device is designed for use in WDM systems, optical amplifiers and sensor applications. The component features high power, high isolation, high return loss, and excellent environmental stability.

Types

- 3 Ports
- High Power (300mW)
- 1325 - 1375 nm



Applications

- WDM Systems
- Dispersion Compensation
- Sensor Applications
- Optical Amplifiers
- OTDR Applications

Features

- Excellent Stability and Reliability
- High Isolation
- High Return Loss
- Low Insertion Loss
- Low Polarization Dependent Loss
- Low Polarization Mode Dispersion



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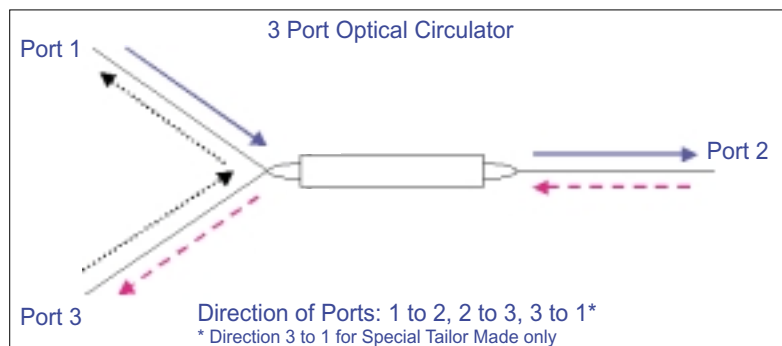
SPECIFICATIONS

Polarization Independent Optical Circulators (1325-1375nm)

Parameter	3 ports		Units
	1->2, 2->3	1->2, 2->3, 3->1	
Operating Wavelength Range	1325 to 1375		nm
Transmitting Direction	1->2, 2->3	1->2, 2->3, 3->1	--
Insertion Loss	< 1.3	< 1.7	dB
Isolation	> 30		dB
Cross Talk	> 40		dB
Return Loss	> 50	> 45	dB
PDL	< 0.3		dB
PMD	< 0.1	< 0.2	ps
Handling Power	300		mW
Fiber Type	SMF-28		--
Operating Temperature	-5 to +70		°C
Storage Temperature	-40 to +85		°C
Dimensions	Ø5.5 x 60	120 x 80 x 13	mm

*Above specifications are for device without connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.



ORDERING CODES

OLCIR - I - [] - [] - [] - [] - []

Port	Code
3 ports	3
Tailor Made 3->1	S

Handling Power	Code
300mW	300
Others	XX

Connector Type	Code
No Connector	NC
FC/PC	FP
SC/PC	SP
FC/APC	FA
SC/APC	SA
Others	XX

Wavelength	Code
1325 - 1375nm	133
Others	XX

Cable Diameter	Code
250 um	25
900 um	90

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