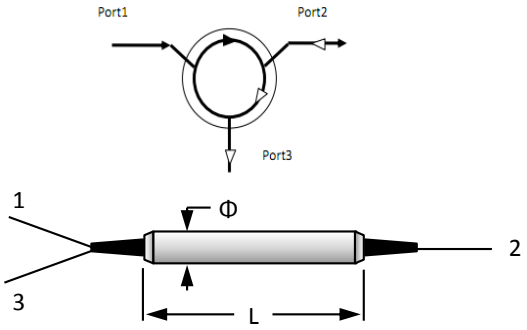
3-port Polarization Insensitive Optical Circulator 1625nm

The 3 port 1625nm Polarization Insensitive Optical Fiber Circulator is a fiber optic componet built with single mode fiber. It allows light to be transmitted in only one direction while blocking the opposite transmttion, it's light path is port 1 to port 2, and port 2 to port 3. The fiber circulator is widely used in optical fiber networks and fiber instruments. High Power handling is available upon request.



Features

Low IL & High Isolation
High Reliability and Stability
Optical Path Epoxy-free
High Power available on request

Applications

OTDR
Fiber Instrument
DWDM OADM System
Test & Meaturement

Performance Specification

Parameter	Value	Unit
Center Wavelength (λc)	1625 or customized	nm
Bandwidth	±10	nm
Configuration	1X2, (port 1→2, 2→3)	
Typ. Insertion Loss (λc, port 1→2, 2→3)	0.9	dB
Max. Insertion Loss (λc, port 1→2, 2→3)	1.0	dB
Typ. Isolation (λc, port 2→1, 3→2)	50	dB
Min. Isolation (λc, port 2→1, 3→2)	40	dB
Max. PDL	0.2	dB
Min.Cross Talk (port 1→3)	50	dB
Min. Directivity	50	dB
Min. Return Loss	50	dB
Max. Optical Power (Continuous Wave)	300 (higher available upon request)	mW
Max. Tensile Load	5	N
Fiber Type	Corning SMF-28e or G657A2 Fiber	
Operating Temperature	-5 to +70	℃
Storage Temperature	-40 to +85	℃
Package Dimension	Φ5.5×L50	mm

Note

** Above specifications are for device without connector . For devices with connectors, IL will be 0.3dB higher, and RL will be 5dB lower.*

Ordering Information

PICIR-AAAA-BB-C-DD-EE

AAAA	BB	C	DD	EE
Wavelength	**Port**	**Fiber Jacket**	**Fiber Length**	**Connector**
1625 - 1625nm SSSS - Specify	12 - 1 X 2	B - 250um Bare Tube L - 900um Loose Tube	05 - 0.5m 08 - 0.8m 10 - 1.0m 15 - 1.5m SS - Specify	NE - None FA - FC/APC FP - FC/PC SA - SC/APC SP - SC/PC LA- LC/APC LP - LC/PC SS - Specify

sales@of-link.com
RoHS