

Polarization Insensitive Fiber Optic Circulator



Features

Low Insertion Loss & PDL
High Channel Isolation
Optical Path Epoxy Free
Telcordia Compliant

Applications

Optical Amplifiers
FBG Applications
Dispersion Compensation
Fiber Sensors

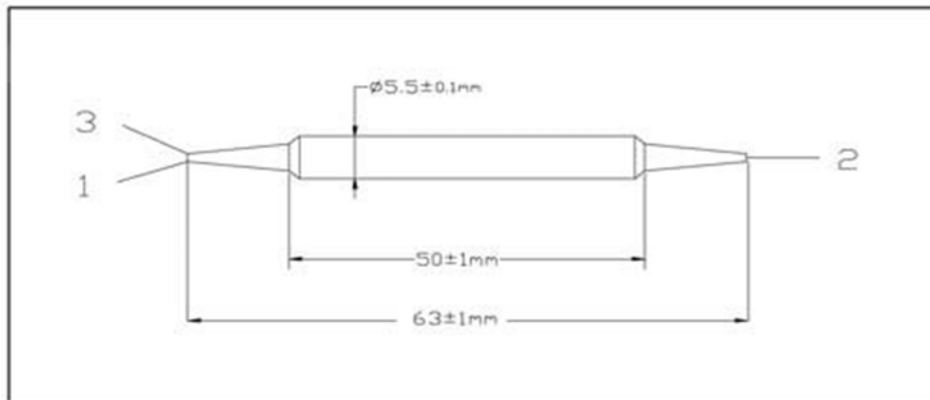
Specifications

Parameter	Unit	Values
Center Wavelength	nm	1310 or 1550
Operating Wavelength Range	nm	±20
Min. Isolation at 23°C	dB	45
Typ. Insertion loss	dB	0.7
Max. Insertion loss	dB	0.8
Min. Return loss	dB	55
Min. Cross talk	dB	50
Min. PDL	dB	0.1
Min. PMD	ps	0.1
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type		SMF-28e Fiber
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85
Package Dimensions	mm	dia 5.5 x 63mm

*Above specifications are for device without connector.

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

Package Dimensions



Ordering Information

FCIR-①①-②②②-③③③-④

①①: Wavelength

31 - 1310nm

55 - 1550nm

SS - Specify

③③③: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

②②②: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

④: Fiber Length

1 - 1.0m

S - Specify