

## 1310 or 1550 nm Polarization Insensitive 4-port Circulator

Model #: FCIR

Description: 1310 or 1550 nm Polarization Insensitive 4-port Circulator

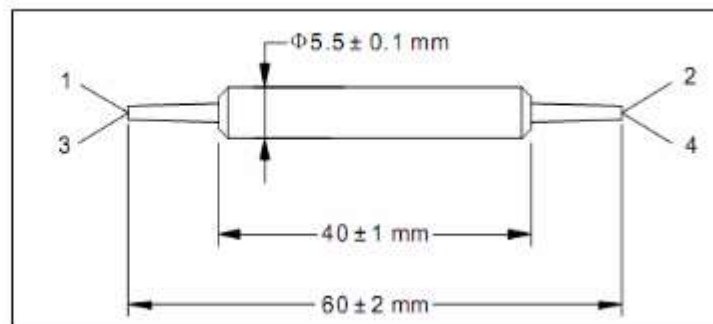
Application: Fiber amplifier, fiber laser.

Specifications:

Parameter	Unit	Specifications
Operating Wavelength	nm	1310 ± 20 or 1550 ± 20
Transmitting Direction		1→2, 2→3, 3→4
Typ. Insertion Loss	dB	0.7
Max. Insertion Loss	dB	0.9
Min. Isolation, 23°C	dB	38
Min. Crosstalk		50
Min. Return Loss	dB	55
Max. Polarization Dependent Loss (23 °C)	dB	0.2
Max. Polarization Mode Dispersion	ps	0.1
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85
Dimension	mm	5.5 (D) x 40 (L)
Fiber Type		SMF-28 fiber

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL.

### Package Dimensions



### Ordering Information:

Single Stage: FCIR-AA-B-C-D-E

AA: wavelength	B: connector type	C: fiber jacket	D: fiber length	E: port count
31 - 1310 nm	1 - FC/UPC	B - 250µm Panda fiber	1 - 1.0 m	4 - 4 ports
55 - 1550 nm	2 - FC/APC	L - 900 µm loss tube	X - other	
XX - Other	3 - SC/UPC	T - 900 µm tight buffer		
	4 - SC/APC			
	N - none			
	X - other			