



## 1064nm Polarization Insensitive Optical Circulator (FCIR Series)

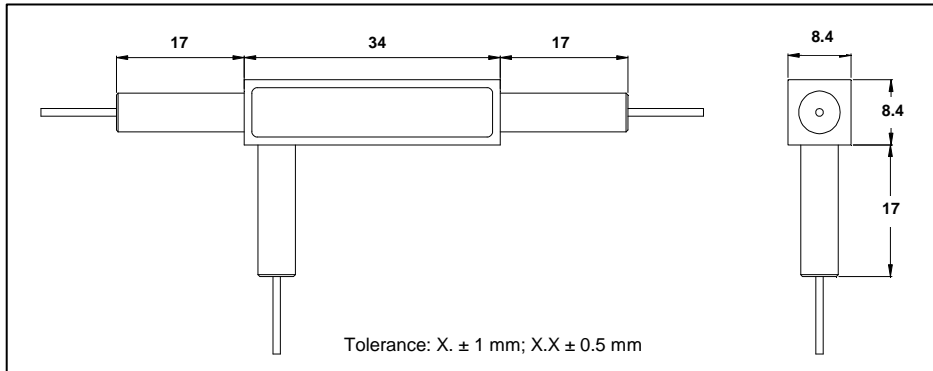
The Optical Circulator is a compact, high performance lightwave component that routes incoming signals from Port 1 to Port 2, and incoming Port 2 signals to Port 3. The component provides high isolation, low insertion loss, low PDL, low PMD and excellent environmental stability.

### Specifications

Parameter	Unit	Value
Operating Wavelength Range	nm	1064
Max. Insertion Loss, 23 °C	dB	2.2
Min. Isolation, 23 °C	dB	20
Min. Crosstalk	dB	45
Min. Return Loss	dB	45
Max. Polarization Dependent Loss	dB	0.2
Max. Polarization Mode Dispersion	ps	0.1
Max. Optical Power (Continuous Wave)	mW	500
Max. Tensile Load	N	5
Operating Temperature	°C	0 to +40
Storage Temperature	°C	-40 to +85
Fiber Type		HI 1060 fiber
Package Dimensions	mm	(L) 34 × (W) 8.4 × (H) 8.4

\*IL is 0.5 dB higher and RL is 5 dB lower for each connector added.

### Package Dimensions



### Ordering Information

FCIR-①①-②-③-④

①①: Wavelength	②: Connector Type	③: Fiber Jacket	④: Fiber Length
06 - 1064 nm	1 - FC/UPC	B - 250 um bare fiber	1 - 1.0 m
SS - Specify	2 - FC/APC	L - 900 um loose tube	S - Specify
	3 - SC/UPC	S - Specify	
	4 - SC/APC		
	N - None		