

## Polarization Insensitive Fiber Circulator at 1064 nm

Model #: CIR

Description: 3-port Polarization Insensitive Fiber Circulator at 1064 nm

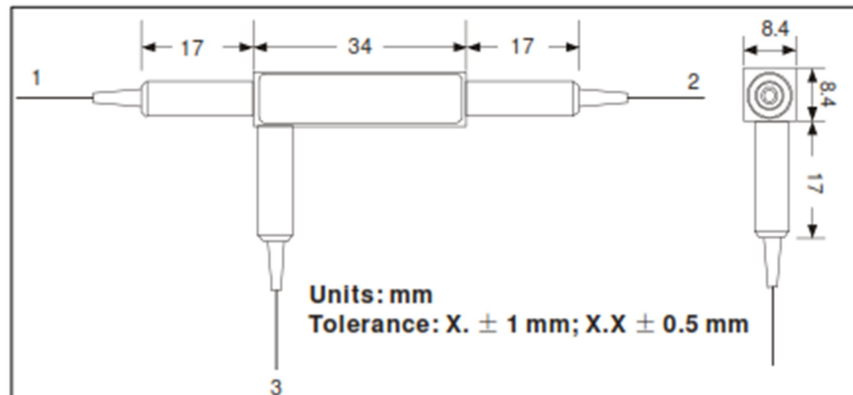
Application: Fiber amplifier, fiber laser, fiber sensor, WDM module and systems

Specifications:

Parameter	Unit	Specifications			
Central Wavelength	nm	1064			
Bandwidth	nm	±5	±10	±20	±30
Min. Isolation	dB	25	23	20	20
Max. Insertion Loss, over band at 23°C	dB	2.1	2.6	3.5	3.8
Min. Crosstalk, $\lambda_c$ , 23°C,	dB	45			
Min. Return Loss	dB	50			
Minimum Directivity (1 → 3, 2 → 4)	dB	50			
Max. Polarization Dependent Loss	dB	0.2			
Max. Optical Power (CW)	mW	300			
Max. Tensile Load	N	5			
Operating Temperature	°C	0 to +50			
Storage Temperature	°C	-40 to +85			
Dimension	mm	34 x 8.4 x 8.4			
Fiber Type		HI 1060			

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

### Package Dimensions



### Ordering Information:

**CIR-AA-BB-C-D-E**

AA: wavelength	BB: bandwidth	C: fiber jacket	D: fiber length	E: connector type
06 – 1064 nm	05 – ± 5 nm	B - 250 $\mu$ m bare fiber	1 - 1.0	1 – FC/UPC
XX - other	10 - ± 10 nm	L - 900 $\mu$ m loss tube	X-other	2 – FC/APC
	20 - ± 20 nm	3 – 3 mm cable		3 – SC/UPC
	30 - ± 30 nm	2 – 2 mm cable		4 – SC/APC
		X - other		N – no connector
				X - other