HJ OPTRONICS

4055 Filan Way
San Jose, CA 95135
United States

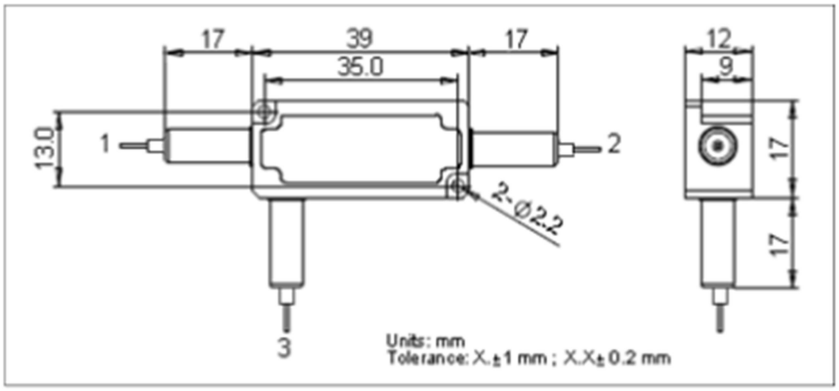
Polarization Insensitive Fiber Circulator at 2000 nm

Model #: CIR
Description: 3-port Polarization Insensitive Fiber Circulator at 2000 nm, which is a high performance optical component that routes light signal from Port 1 to Port 2, and Port 2 to Port 3.
Application: Fiber amplifier, fiber laser, fiber sensor, WDM module and systems

Specifications:

Parameter	Unit	Specifications
Central Wavelength	nm	1950 or 2000
Max. Insertion Loss, $\lambda_c \pm 30$ nm, 23°C	dB	1.5
Min. Isolation, $\lambda_c \pm 30$ nm , 23°C	dB	16
Min. Crosstalk	dB	40
Min. Return Loss	dB	50
Max. Polarization Dependent Loss	dB	0.2
Max. Optical Power (CW)	W	0.3, 0.5, 1, 2 or 5
Max. Peak Power for ns Pulse	KW	10
Max. Tensile Load	N	5
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85
Dimension	mm	12 x 17 x 39
Fiber Type		PM 980 Panda fiber

Note: Each connector may contribute extra 0.3 dB IL, 5 dB lower RL. Keying to slow axis. The optical power is 1W only if connectors are added.



Ordering Information: CIR-AAAA-B-C-D-E-F-G

AAAA: wavelength	B: power handling	C: connector type	D: fiber jacket	E: fiber length	F: fiber type	G – signal type
1950 – 1950 nm	03 – 0.3 W	1 – FC/UPC	B - 250µm bare fiber	1 - 1.0 m	1 – SMF-28 fiber	P – pulsed
2000 – 2000 nm	05 – 0.5 W	2 – FC/APC	L - 900 µm loss tube	X - other	2 – Nuferm SM1950 fiber	C – continuous wave
XXXX - other	1 – 1W	3 – SC/UPC	X - other		3 – Thorlabs SM2000 fiber	
	2 – 2W	4 – SC/APC				
	5 – 5W	N – no connector				
	X - other	X - other				