

## High Power Polarization Insensitive Fiber Circulator at 920 nm

Model #: HPCIR-920

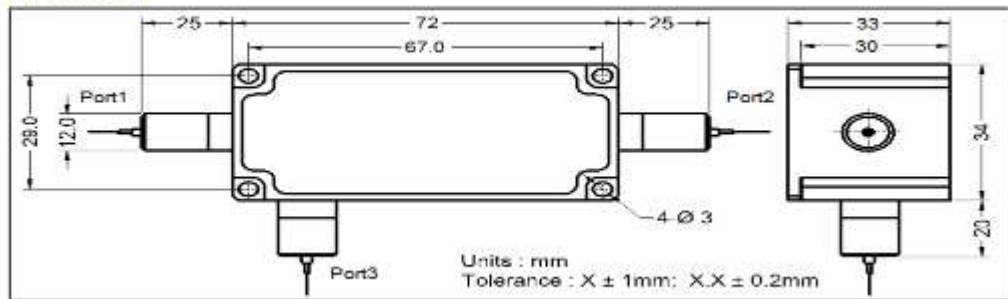
Description: 3-port High Power Polarization Insensitive Fiber Circulator at 920 nm

Application: Fiber laser, fiber sensor, instrumentation

Specifications:

Parameter	Unit	Specifications
Central Wavelength	nm	900, 920, or 950
Operating Wavelength Range	nm	$\lambda_c \pm 50$
Typ. Insertion Loss, $\lambda_c$ , 23°C	dB	1.0
Max. Insertion Loss, $\lambda_c$ , 23°C	dB	1.2
Max. Insertion Loss, $\lambda_c, \pm 50\text{nm}$ , 23°C	dB	1.8
Min. Isolation, $\lambda_c$ , 23°C, all polarization status	dB	23
Min. Isolation, $\lambda_c, \pm 50\text{nm}$ , 23°C, all polarization status	dB	12
Min. Crosstalk, $\lambda_c$	dB	40
Min. Return Loss, $\lambda_c$	dB	45
Max. Polarization Extinction Ratio	dB	18
Max. Optical Power (CW)	mW	1000
Max. Peak Power for ns pulse	kW	10
Max. Tensile Load	N	5
Operating Temperature	°C	10 to +50
Storage Temperature	°C	0 to +60
Dimension	mm	67 x 33 x 34

### Package Dimensions



### Ordering Information: HPCIR-AAA-BBBB-C-D-E-F-G-H

AA: wavelength	BB: power handling	C: connector type	D: fiber jacket	E: fiber length	F: fiber type	G: working axis	H: power type
900 – 900 nm	100 – 100 mW	N – no connector	B - 250 $\mu$ m bare fiber	Q - 0.75	1 – PM980	F – fast axis blocked	P - pulsed
920 – 920 nm	1000 – 1000mW		L - 900 $\mu$ m loss tube	X-other	2 – PM780HP		C - CW
950 – 950 nm	XX - other		X - other		X - other		
XXX - other							