

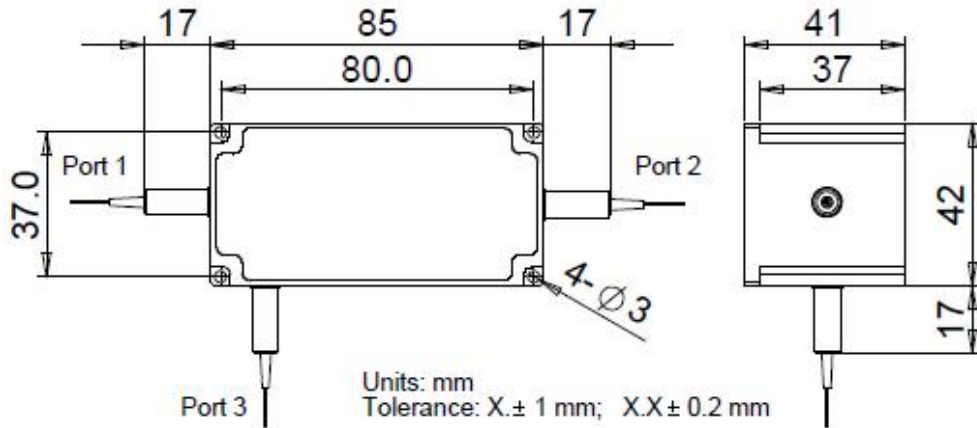
# 1064nm High Power Polarization Insensitive Circulator

## Product description

The 1060 nm Polarization Insensitive Circulator is characterized with low insertion loss, high isolation, high power handling, high return loss. It is ideal for fiber laser .

Specifications		
Parameter	Unit	Value
Center Wavelength ( $\lambda_c$ )	nm	1064
Operating Wavelength Range	nm	$\pm 35$
Max. Insertion Loss, 23 °C @ 1064 nm (Port 1 → 2) With Connector	dB	1.20
Max. Insertion Loss, 23 °C @ 1064 nm (Port 2 → 3) With Connector	dB	1.00
Max. Insertion Loss, 23 °C @ $\lambda_c \pm 35$ nm (Port 1 → 2) With Connector	dB	1.50
Max. Insertion Loss, 23 °C @ $\lambda_c \pm 35$ nm (Port 2 → 3) With Connector	dB	1.30
Min. Isolation, 23 °C @ 1064 nm (Port 2 → 1)	dB	31
Min. Isolation, 23 °C @ 1064 nm (Port 3 → 2)	dB	32
Min. Isolation, 23 °C @ $\lambda_c \pm 35$ nm (Port 2 → 1)	dB	19
Min. Isolation, 23 °C @ $\lambda_c \pm 35$ nm (Port 3 → 2)	dB	20
Min. Cross Talk (Port 1 → 3)	dB	53
Min. Return Loss With Connector	dB	52
Max. Polarization Dependent Loss, 23 °C (Port 1 → 2)	dB	0.12
Max. Polarization Dependent Loss, 23 °C (Port 2 → 3)	dB	0.08
Connector Type	-	FC/APC
Fiber Type	-	HI 1060 fiber, 900 um loose tube
Fiber Length	m	1.0
Max. Optical Power (Continuous Wave)	mW	600
Max. Tensile Load	N	5
Operation Temperature	°C	10 to 50
Storage Temperature	°C	0 to 60

## Package Dimensions



## Ordering Information

HPCIR	Wavelength	Handling power	Pigtail Type	Fiber Length	Connector
1x1	1064nm Specify	50mW 100mW 200mW Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify