

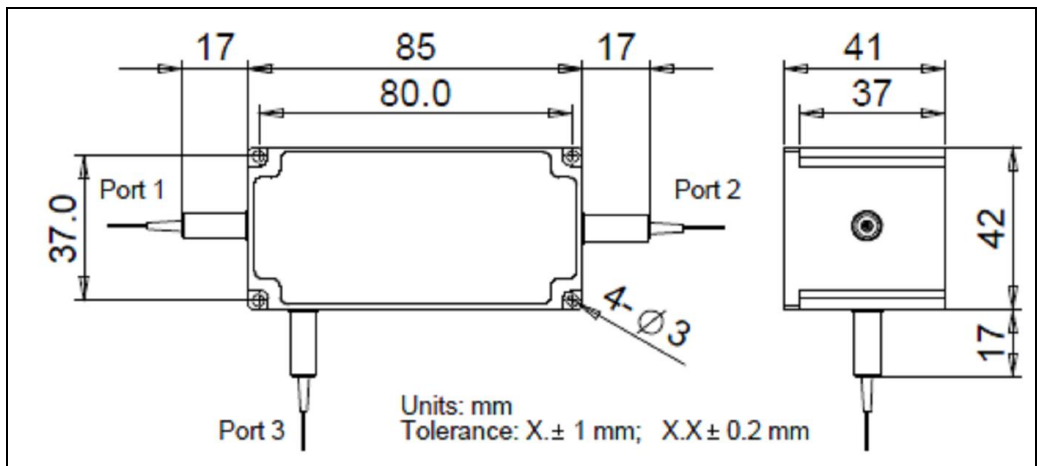
1064nm High Power Polarization Insensitive Circulator

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 (λ_c)	nm	1064
Operating Wavelength Range	nm	± 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