

2 μm Polarization Insensitive Circulator

Product Features

The 2 μm Polarization Insensitive Circulator is a high performance lightwave component that routes incoming signals from Port 1 to Port 2, and incoming Port 2 signals to Port 3.

Product Applications

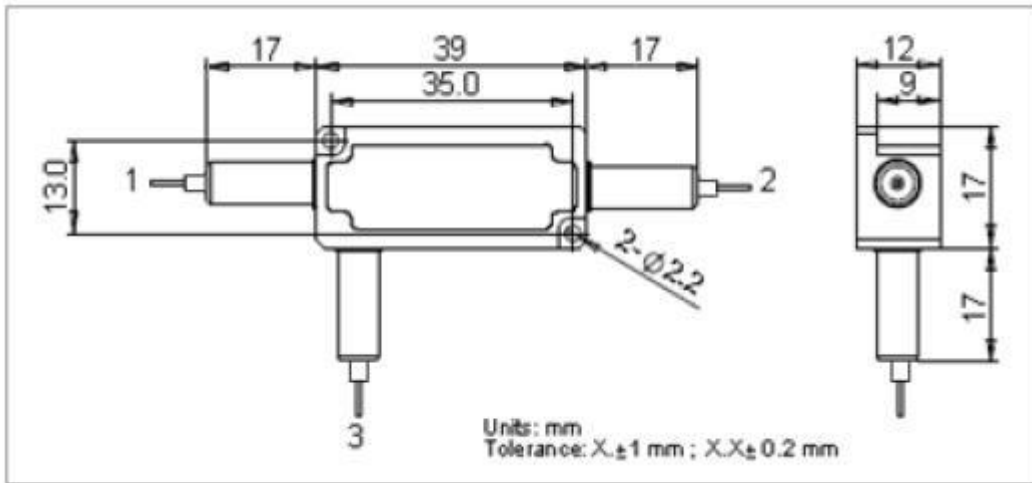
- Fiber laser
- Test Instrumentations
- Power monitoring

Specifications

Parameter	Unit	Value
Operating Wavelength	nm	1950 or 2000
Max. Insertion Loss, 23 °C, $\lambda_c \pm 30$ nm	dB	1.5
Min. Isolation, 23 °C, $\lambda_c \pm 30$ nm	dB	16
Min. Crosstalk	dB	40
Min. Return loss	dB	50
Max. Polarization Dependent Loss	dB	0.2
Max. Average Optical Power	W	0.3, 0.5, 1, 2 or 5
Max. Peak Power for ns Pulse	KW	10
Max. Tensile Load	N	5
Fiber Type	-	optional
Package Dimensions	mm	12 × 17 × 39
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

* IL is 0.3 dB higher and RL is 5 dB lower for each connector added. The Optical Power is 1W only for connector added.

**Product Package
Dimensions**



Ordering Information

FCIR	Wave length	Handling Power	Fiber Type	Pigtail Type	Fiber Length	Connector
1X2	2000nm 1950nm Specify	0.3W 0.5W 1W 5W Specify	Corning SMF-28 Nufern SM 1950 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