



# 1064nm 3-port High Power Optical Circulator

## FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

## APPLICATIONS

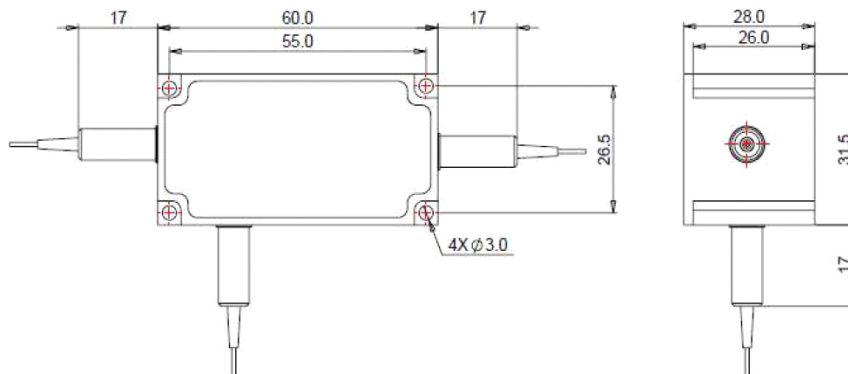
- Fiber Optic Amplifiers
- Fiber Optic Instruments
- WDM Systems
- Dispersion Compensation
- Light Routing

## SPECIFICATIONS

Parameter	Unit	Value
Center Wavelength	nm	1064
Operating Wavelength Range	nm	+/-5
Insertion Loss@ 23 °C (Typ.)	dB	1.6
(1→2, 2→3) (Max.)	dB	1.8
Isolation @ 23 °C (Typ.)	dB	25
(3→2, 2→1) (Min.)	dB	23
Optical Return Loss	dB	≥45
Polarization Dependent Loss	dB	≤0.2
Fiber Type	-	HI1060 Fiber
Fiber Tensile Load	N	5
Maximum Optical Power	W	1, 2, 3
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85

- Note:**
1. Specifications are for devices without the connectors
  2. For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and Optical Power can only be 1W.
  3. Devices for higher optical power and pulse power are also available per request.

## PACKAGE DIMENSION



## ORDERING INFORMATION

<b>FCIR-</b>	<b>NNNN</b>	<b>-HP</b>	<b>N</b>	<b>-</b>	<b>C</b>	<b>NN</b>	<b>-</b>	<b>CC/CCC</b>
<b>Center Wavelength</b>	<b>Optical Power</b>	<b>Fiber Sleeve</b>	<b>Fiber Length</b>	<b>Connector Type</b>				
1064=1064nm	1= 1 Watt 2= 2 Watts 3= 3 Watts	B= Bare Fiber L= 900um Loose Tube	10=1.0m 15=1.5m 20=2.0m	N =Without Connector FC/APC=FC/APC Connector LC/PC =LC/PC Connector				