

## 1064nm Polarization Insensitive Optical Circulator

**Features:**

High isolation & High Return Loss  
 Low insertion loss & PDL  
 Optical Path Epoxy Free

**Application:**

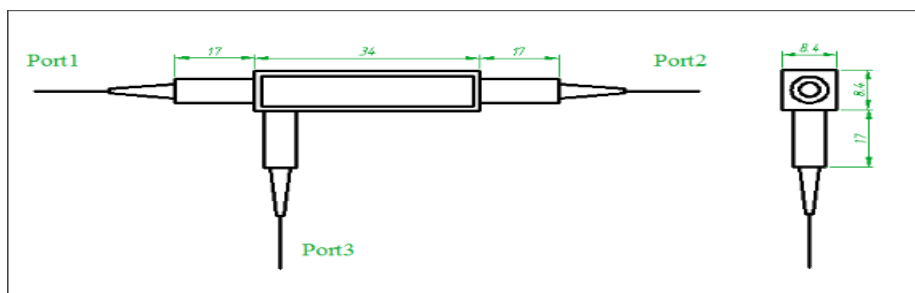
Fiber optical Amplifier  
 Fiber Laser

**Specifications:**

Parameter	Value			
Operating wavelength (nm)	1064			
Bandwidth(nm)	± 5	± 10	± 20	± 30
Isolation(dB)	≥ 25	≥ 23	≥ 20	≥ 20
Insertion Loss@Band,23°C(dB)	≤ 2.1	≤ 2.6	≤ 3.2	≤ 3.8
PDL (dB)	≤ 0.2			
Return loss (dB)	≥ 50			
Cross Talk (dB)	≥ 45			
Power handling (mW)	≤ 300			
Fiber Type	HI1060			
Operating temperature (°C)	0 ~ +50			
Storage temperature (°C)	-40 ~ +85			
Dimensions (mm)	34x8.4x8.4(P1)			

\*Above specifications are for devices without the connectors.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

**Packing Dimensions:**

**Ordering Information:**

FCIR	Wavelength	Bandwidth	00	Package	Pigtail Type	Length	Connector
FCIR	1064=1064nm	5=± 5nm 1=± 10nm 2=± 20nm 3=± 30nm	00	1=P1 (34x8.4x8.4)	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube S=Specify	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m B=5.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=MU 6=LC/UPC 7=LC/APC S=Specify