



# 2000nm Polarization Insensitive Optical Circulator

## FEATURES

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

## APPLICATIONS

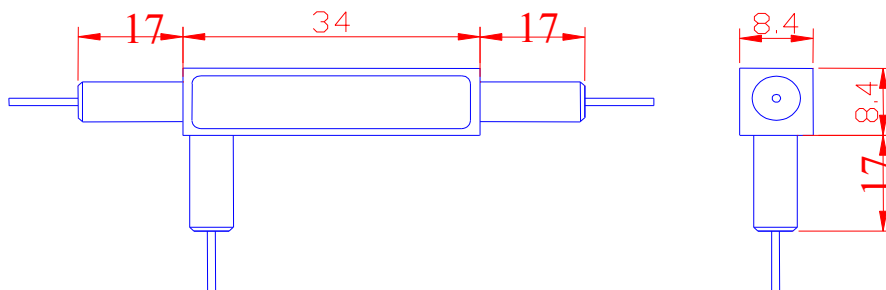
- Fiber Optic Amplifiers
- Fiber Optic Instruments
- WDM Systems
- Dispersion Compensation
- Light Routing

## SPECIFICATIONS

Parameter	Unit	Value
Center Wavelength ( $\lambda_c$ )	nm	2000
Insertion Loss@23°C	(Typ.)	1.0
	(Max.)	1.2
Isolation( $\lambda_c \pm 30$ nm)	(Typ.)	20
	(Min.)	16
PDL	dB	$\leq 0.2$
Optical Return Loss	dB	$\geq 45$
Cross Talk	dB	$\geq 40$
Fiber Type	-	SMF-28e Fiber
Fiber Tensile Load	N	5
Maximum Optical Power (CW)	mW	300
Operating Temperature	°C	0~65
Storage Temperature	°C	-40~85
Package Dimension	mm	(L)35x(W)8.4x(H)8.4

- 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.
  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>-3</b>	<b>N</b>	<b>NN</b>	<b>-</b>	<b>CC/CCC</b>
<b>Center Wavelength</b>	<b>Fiber Type</b>	<b>Fiber Length</b>	<b>Connector Type</b>			
2000=2000nm	B= 250um 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			