

## Mini size Polarization Insensitive Optical Circulator

### Features:

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

### Application:

Fiber Sensing Module

### Specifications:

Parameter	Type	3 Port
Configuration		Port 1 to Port 2;Port 2 to Port 3
Operating wavelength (nm)		1310,1550 (+/-30)
Typ. Peak Isolation		50
Isolation ( $\lambda_c, 23^\circ\text{C}$ all SOP) (dB)		$\geq 40$
Insertion Loss ( $\lambda_c, 23^\circ\text{C}$ all SOP) (dB)		$\leq 1.0$
PDL (dB)		$\leq 0.15$
Return loss (dB)		$\geq 50$
PMD (ps)		$\leq 0.1$
Directivity		$\geq 50$
Power handling (mW)		$\leq 500$
Fiber Type		SMF-28e
Operating temperature ( $^\circ\text{C}$ )		0 ~ +70
Storage temperature ( $^\circ\text{C}$ )		-40 ~ +85
Package Dimensions (mm)	For bare fiber	$\Phi 3.8 \times L30$

\*Above specifications are for devices without the connectors.

### Ordering Information:

FCIR	wavelength	Type	00	Package	Pigtail Type	Length	Connector
FCIR	1310=1310nm 1550=1550nm	3=3Port	00	5=3.8xL30	1=250um bare fiber	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify