



Polarization Insensitive Mini Fiber optic Circulator (FCIR Series)

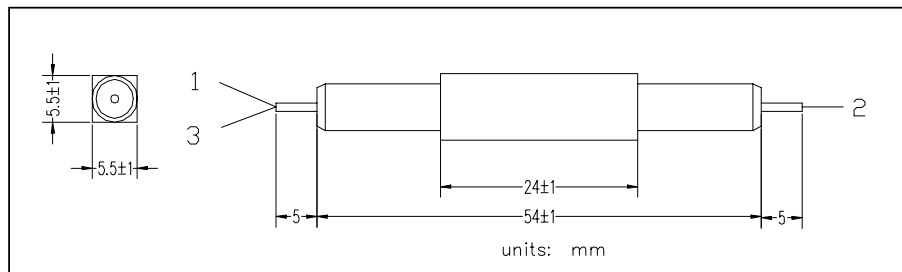
The Mini Fiberoptic Circulator is a compact, high performance lightwave component that transmits the incoming signal from port 1 to port 2, and another incoming signal from port 2 to port 3 simultaneously. The component provides high isolation, low insertion loss, low PDL, low PMD and excellent environmental stability. It is widely used in combination with fiber gratings and other reflective components in DWDM systems, high speed systems and bi-direction communication systems.

Specifications

Parameter	Unit	Values
center Wavelength	nm	1310 or 1550
Operating Wavelength	nm	± 20 nm
Typical Insertion loss	dB	0.7
Maximum Insertion loss	dB	0.8
Isolation	dB	≥ 45
Cross talk	dB	≥ 50
Return loss	dB	55
PDL	dB	0.1
PMD	ps	0.1
Max. Optical Power	mW	300
Max. Tensile Load	N	5
Fiber Type		Corning SMF-28
Operation Temperature		-5 to +70
Storage Temperature		-40 to +85
Package Dimensions	mm	5.5 x 5.5 x 54

*For devices with connectors, insertion loss will be 0.3dB higher, RL will be 5dB lower.

Package Dimensions



Ordering Information

FCIR- - - -

: Wavelength

31 - 1310

55 - 1550

SS - Specify

: Fibre Type

B - 250 μ m bare fiber

L - 900 μ m loose tube

T - 900 μ m tight buffer fiber

: Connector type

1 - FC/UPC

2 - ST/UPC

3 - LC/UPC

4 - FC/APC

5 - SC/APC

6 - SC/UPC

S - Specify

N - None

: Fibre Length

1 - 1.0 meter

S - Specify