

# 1550nm mini fiber optic circulator



## ● Product Description

The mini optical fiber circulator from Idealphotonics is a compact structure designed specifically for applications with limited space. In addition to its smaller size, its foldable design ensures that all fiber ports are located on the same side, minimizing fiber occupation space. It is a compact, high-performance component with high isolation, low insertion loss, low PDL, and excellent stability and reliability. The fiber circulator directs the incoming signal from port 1 to port 2, and from port 2 to port 3.

## ● Part Number

IP-CIR-1-900-1550-SA

## ● Product features

Small package size、 All fiber ports on the same side、 High channel isolation、

No epoxy resin、 RoHS compliant

## ● Application area

Dispersion compensation、 Bidirectional cutoff system、 Add/drop multiplexing

system、 Miniature optical amplification system、 Miniature OTDR system、

Fiber optic sensing、 Test instruments

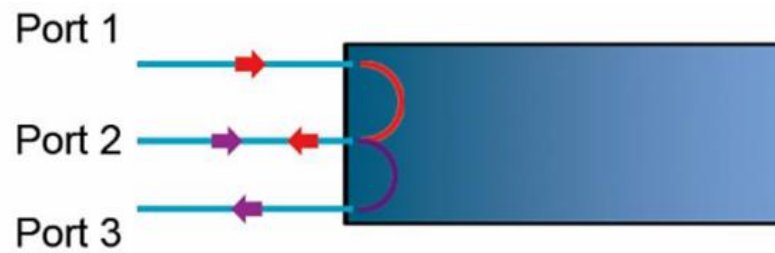
## General Parameters

### Technical Parameters

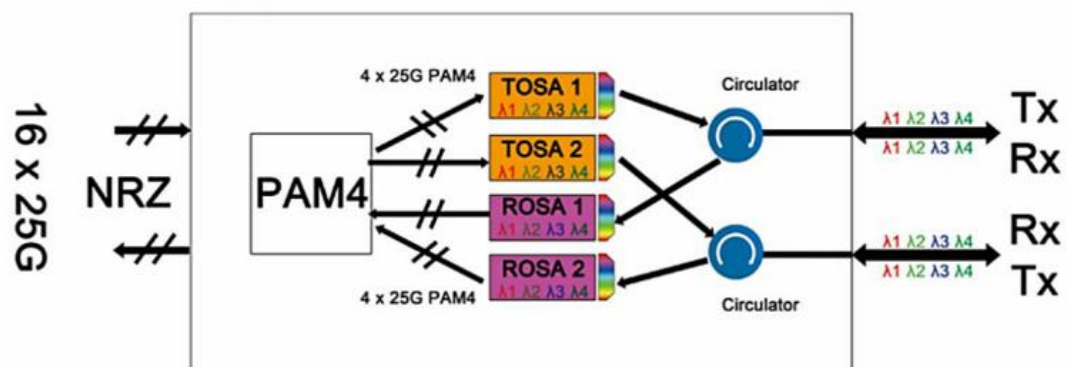
Parameters	Unit	Value
Central wavelength	nm	1310nm/C band/L Band
Operating bandwidth	nm	+/-20
Maximum insertion loss	dB	1.4
Isolation	dB	30
Return loss	dB	40
Maximum PDL	dB	0.1
Maximum optical power	mW	500
Fiber type	-	SMF-28E
Operating temperature	℃	-5 ~ +50

Storage temperature	°C	-40 ~ +85
Size	mm	Ø 3mmxL25mm

Optical functional diagram



### • 400G Transceiver



Ordering info

**IP-CIR-☆-A8▽-W□□□□-XX**

**☆: Fiber length**

08: 0.8m

2: 2m

**▽: Loose Tube**

900: 900um

NONE: naked fiber

2000: 2mm

**□□□□: Wavelength**

1064: 1064nm

1310: 1310nm

1550: 1550nm

1567: 1567nm

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1650: 1650nm

**XX: Fiber and Connector Type**

N=Customize+None

SA=SMF-28E+ FC/APC

SP=SMF-28E+ FC/PC

PP=PM Fiber+ FC/PC

PA=PM Fiber+ FC/APC