



# Specification

## Circulator

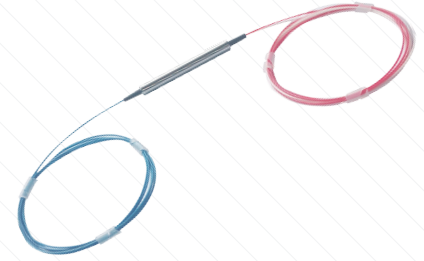
1550nm 3port Circulator, 0.9mm loose tube, with FC/APC connector, Fiber length  $\geq 0.5m$ , Package Dimension :  $\Phi 5.5 \times L50mm$ .

### Features

- Low Insertion Loss and high isolation
- Low PDL & PMD
- Optical path epoxy free
- Telcordia compliant
- RoHS compliant

### Applications

- EDFA
- WDM system
- Fiber optic instruments



### Specifications

Parameter		Unit	Specifications
Configuration			Port 1 to Port2 to Port 3
Operating Wavelength		nm	1550 $\pm$ 30
Insertion Loss	Typical	dB	1.00
	Maximum	dB	1.20
Channel Peak Isolation	Min	dB	50
Channel Minimum Isolation	Min	dB	40
Channel Cross Talk	Min	dB	50
Return Loss	Min	dB	50
Polarization Dependent Loss	Max	dB	0.15
Polarization Mode Dispersion	Max	ps	0.10
Power Handling	Max	mW	300
Pigtail and connector Type			0.9mm loose tube with FC/UPC connector
Fiber Type			SMF-28e
Fiber length		cm	$\geq 50$
Operating Temperature		$^{\circ}C$	0~ 70
Storage Temperature		$^{\circ}C$	-40 ~ 85
Package Dimension		mm	$\Phi 5.5 \times L50$

### Order Guide

Wavelength	Port	Fiber Type	Size	Connector Type
13A:1310nm(A Grade)	3: 3 port	1: 250 $\mu m$ bare fiber	1: 5.5 $\times$ L50(3 port)	0: Without connector
13P:1310nm(P Grade)	4: 4 port	2: 900 $\mu m$ tight buffer fiber	2: 5.5 $\times$ L70(4 port)	1: FC/PC 2: FC/UPC
15A:1550nm(A Grade)		X: Customized		3: FC/APC 4: SC/PC
15P:1550nm(P Grade)				5: SC/UPC 6: SC/APC
				7: ST 8: LC 9: MU
				X: Customized