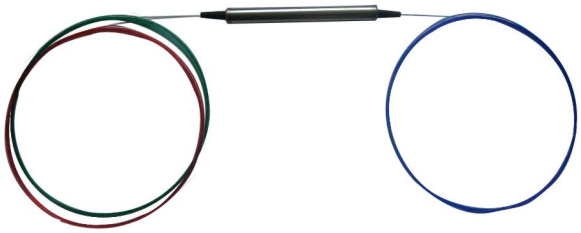
Product presentation

The 3-port polarization insensitive circulator features excellent performance over a wide wavelength range . The technology is a lead-free packaging platform and epoxy-free in optical path. These devices are designed to work as pump combiners for Dispersion Compensation, Bi-directional Transmission, Add/Drop Multiplexing, Fiber Sensor and other optical network applications.

Features

- Low Insertion Loss
- High Stability, High Reliability
- Epoxy-free on Optical Path
- Compact Size



Applications

- Dispersion Compensation
- Bi-directional Transmission System
- Fiber Sensor
- Add/Drop Multiplexing,
- Instrument, testing and measurement

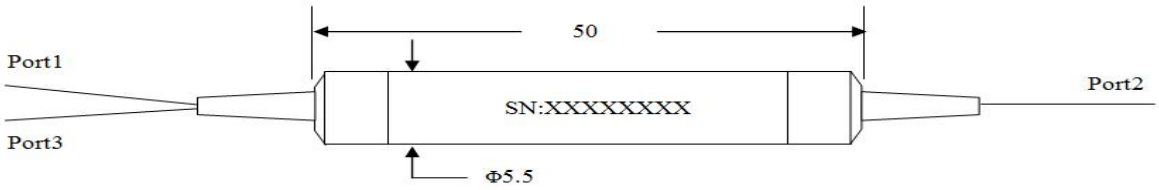
Specifications

Parameters		Unit	Min	Typ	Max
Operating Wavelength Range	1310	nm		1310±20	
	1550	nm		1550±20	
	1625	nm		1625±10	
	1650	nm		1625	
Insertion Losstion Loss (1 2 or 2 3)	1310 or 1550	dB		0.5	0.8
	1625	dB		0.7	1.0
	1650	dB		0.9	1.2
Polarization Dependent Loss (PDL)	1310 or 1550	dB			0.10
	1625	dB			0.15
	1650	dB			0.20
Isolation (2 1 or 3 2)	1310 or 1550	dB	36		
	1625	dB	35		
	1650	dB	30		
PMD	1310 or 1550	ps			0.10
	1625	ps			0.10
	1650	ps			0.10
Directivity		dB	50		
Return Loss		dB	50		

Optical Power Handlin	mW			500
Operating Temperature	℃	-5~75		
Storage Temperature	℃	-40~85		
Fiber Type		SMF-28 or equivalent fiber		
Color Code		Port 1: black; Port 2 & 3: clear		

* All the parameters are excluding connectors;

Dimension (Unit:mm)



Ordering Information HC - CIR - A - B - C - D - E - F

A	B	C	D	E	F
Center Wavelength	Port	Dimension	Package Type & Fiber Jacket	Fiber Length	Connector Type
1310=1310nm 1550=1550nm 1625=1625nm 1650=1650nm	3=3 Port 4=4 Port	1= 50×Ø5.5 2=38×Ø5.5	25= 250μm bare fiber 90= 900μm loose tube	05=0.5 meter 10=1.0 meter 15=1.5 meter 20=2.0 meter 30=Special	0=None 1=FC/PC 2=FC/APC 3=SC/PC 4=SC/APC 5=LC/PC 6=LC/APC 7=Special