

Single Mode 3 Ports Polarization Insensitive Optical Circulator



Description

A Single Mode three-port polarization insensitive fiber optic circulator is a multi-port non-reciprocal optical device where light can only propagate in one direction. If a signal is input from port 1, it will output from port 2; conversely, if a signal is input from port 2, it will output from port 3, with very low output loss. However, if light is input from port 2, the loss is significant when outputting from port 1, and similarly, if light is input from port 3, the loss is also significant when outputting from either port 1 or 2.

Firsol can customize fiber optic circulators with different wavelengths, power levels, and fiber types according to user needs. Its products are widely used in fiber lasers, fiber amplifiers, underwater laser communication, fiber optic sensing, scientific research, and other fields.

Features

- Low Insertion Loss
- High Isolation
- High Stability and Reliability
- Compact Size

Applications

- WDM System
- Fiber Sensor/Amplifier/Bragg Grating
- Chromatic Dispersion Compensation Devices

Ordering Information

nm	W		m	μ m	
Center Wavelength	Max Optical Power (CW)	Fiber Type	Pigtail Length	Pigtail Diameter	Connector
1064nm	0.3W	Hi1060	0.5m	250 μ m Bare Fiber	None
1310nm	0.5W	SMF-28e	1.0m	900 μ m Loose Tube	LC/UPC
1480nm	1W	SM1950	1.5m		LC/APC
1550nm	5W		2.0m		SC/UPC
C+L Band					SC/APC
S+C+L Band					FC/UPC
1950nm					FC/APC
2000nm					ST/UPC
2050nm					ST/APC