

# 1550nm High-Power Wide-Bandwidth Optical Circulator



## Overview

1310/1480/1550nm High Power Fiber Circulator, suitable for up to 20W applications, features low insertion loss, high return loss, and high isolation, ensuring high reliability and stability. The OC Series 1310/1550 Optical Circulators are non-reciprocal devices that redirect light at 1310/1550 nm from port-to-port in only one direction while minimizing back reflection and back scattering in the reverse directions for any polarization state. This makes it an ideal choice for EDFA & Raman Amplifiers, fiber sensors, and fiber lasers, where. The 3 port 1550nm High Power Polarization Insensitive Optical Circulator is a fiber optic component built with SM fiber. In. Everyone is searching for: VOA □ OFC □ OCS □ AWG ◦ Application: Suitable for optical amplifiers, LAN, CATV optical links, optical system testing, and broadcast communications. Low insertion loss and high isolation.



## Article Content

### SM Circulator 1310/1550 Three Stage

The OC Series 1310/1550 three stage Optical Circulators are non-reciprocal devices that redirect light at 1310/1550 nm from port-to-port in only one direction while minimizing back reflection and back

### 1550 nm Polarization Maintaining Circulator

1550 nm Polarization Maintaining Circulator The Optical Circulator is a compact, high performance lightwave component that routes incoming signals from Port 1 to

### Optic Circulator 1310~1550nm

Polarization Insensitive Fiber Optic Circulator 1310nm/1550nm/1610nm 500mW  
Product: Polarization Insensitive Fiber Optic Circulator Features: Low Insertion

### PM Fiber Optical Circulator 1550nm

The OC Series 1310/1550 Optical Circulators are non-reciprocal devices that redirect light at 1310/1550 nm from port-to-port in only one direction while minimizing back

### Datasheet

Features We produce a family of ultra-broadband fiber optical circulators covering a wavelength range of up to 160nm. These circulators are polarization-independent, having a flat >25dB typical isolation, as

### 1310/1550nm 3 port Multimode Optical Circulator

The 1550nm 3 port Multimode Optical Circulator is a compact, high performance light-wave component that routes incoming signals from Port 1 to Port 2, and

### 1550nm Polarization Maintaining 3-Port Fiber Circulator

Polarization Maintaining (PM) Fiber Optic Circulators are irreversible, unidirectional, three-port devices that are widely used in a wide range of optical devices and applications. Our PM optical circulators

### Optical circulator Multimode

Multimode Optical circulators - 3 port - for 1310 and 1550 nM wavelengths - Optosun Technology

### 1550nm High Power Optical Circulator 10W

The 3 port 1550nm High Power Polarization Insensitive Optical Circulator is a fiber optic component built with SM fiber. It allows light to be transmitted in only one direction while blocking the opposite

### (PDF) A Review of High-Power Semiconductor Optical

Its wide-gain bandwidth is helpful in expanding the bandwidth resources of optical communication, thereby increasing total capacity transmitted

#### Miniature Optical Circulator

Description Series 1310/1550 Optical Circulators are non-reciprocal devices redirect light at 1310/1550 nm from port-to-port in only one direction minimizing back reflection and back scattering in the

#### High Power Fiber Optical Circulator 1310nm & 1550nm

SKU: OCHP The 1310/1550 nm high power optical circulator is designed for high power applications. This non-reciprocal device redirects light at 1310/1550 nm wavelengths from port-to-port in only one

#### 1550nm Key Features

1550nm 3-port High Power SM Optical Circulator-30W The 1550nm 3-port High Power SM Optical Circulator-30W is a compact, high performance light wave Polarization Insensitive component that

#### 1310/1480/1550nm HP Fiber Circulator | SIMTRUM

It indicates how sensitive an optical component or system is to the polarization state of the light, and a high PDL can adversely affect system performance, especially

#### OEM and ODM 1550nm High Power PM Circulator

1550nm / 1.5um High Power PM Circulator Polarization Maintaining Components: Hitronics supplies a wide variety of polarization-maintaining components,

#### 1550nm 3-port High Power PM Optical Circulator-30W

Products 1550nm 3-port High Power PM Optical Circulator-30W The 1550nm 3-port High Power PM Optical Circulator-30W is a compact, high performance light wave Polarization Maintaining

#### 1550nm 3-port High Power PM Optical Circulator-30W

They're characterized with low insertion loss, high isolation, high power handling, high return loss, excellent environmental stability and reliability. They are ideal for high power fiber laser and

#### Fiber Optic Circulator / Fiberwe Technologies Co., Ltd.

Fiber Optic Circulator is widely used in communication systems as add-drop multiplexer, bi-directional pump, and chromatic dispersion compensation device.

#### Fiber Optical Circulator 3 Ports 1310nm or 1550nm

GEZHI Photonics 3port Optical Circulator is widely used in advanced communication systems and fiber-optical sensor systems.

3W 1550nm Optical Circulator-Lightwit Photonics Co., Ltd.

Application: Suitable for optical amplifiers, LAN, CATV optical links, optical system testing, and broadcast communications. Product Description: 1550nm high-power optical circulator with 3W high

1550 nm High Power Femtosecond Fiber Laser

W and pulse widths of less than 90 fs in the industry's most compact, user-friendly package. The Carmel X-1550 provides the perfect 1550 nm source for a wide range of ultrafast laser applications, including

OC-L-1550

The OC-L-1550 from Thorlabs Inc is a Fiber Optic Circulator with Insertion Loss 0.9-1.3 dB, Wavelength 1530 to 1570nm, Isolation 32 dB, Return Loss 55 dB, Optical Power 5 W.

Datasheet

Maximum Optical Input Power Due to their small fiber core diameters for short wavelength and high photon energies, the damage thresholds for device is substantially reduced than the common

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://charratcommunication.fr>

Email: [sales@charratcommunication.fr](mailto:sales@charratcommunication.fr)

Phone: +33 1 42 68 93 17

Address: 15 Rue de la Paix, 75002 Paris, France

This document is for informational purposes only. Specifications subject to change without notice.

