

PASSIVE COMPONENTS

532/633nm Optical Circulator

Visible-wavelength optical circulator for 532 nm and 633 nm.



Key Features

- Operates at visible 532 nm and 633 nm
- Isolation ≥ 20 dB
- Insertion loss ≤ 2.0 dB
- ± 5 nm bandwidth

Applications

- Biomedical and life science instruments
- Raman spectroscopy front ends
- Visible-wavelength fiber sensing
- Alignment and metrology systems

Overview

A circulator that works at visible wavelengths — 532 nm and 633 nm, each with ± 5 nm of bandwidth. Visible-band circulators are uncommon, and they open up single-fiber bidirectional work in biomedical instruments, Raman systems and alignment paths that would otherwise need free-space optics.

Isolation is 20 dB or better with insertion loss within 2.0 dB at 23 °C.

Specifications

Optical Performance

PARAMETER	VALUE	UNIT	CONDITIONS
Operating Wavelength	532 / 633	nm	Bandwidth ± 5 nm
Isolation	≥ 20	dB	23 °C
Insertion Loss	≤ 2.0	dB	23 °C

Order or request a quote

+1 (619) 500-4899 · sales@lightwitphotonics.com

lightwitphotonics.com

Monday–Friday, 8:00 AM – 6:00 PM Pacific

Lightwit Photonics Co., Ltd.

Datasheet issued 2026-09-06

Rev. controlled document

Specifications are subject to change without notice and do not constitute a warranty. Confirm all parameters with Lightwit Photonics sales before ordering.