

# 0103 Circulator

R4100-S



## 3 Ports 633 nm Optical Fiber Circulator, SM

The polarization insensitive optical circulator has very low insertion loss, high return loss, high isolation and high stability & reliability. It can be used for fiber laser, fiber sensor, testing instrument and medical equipment.

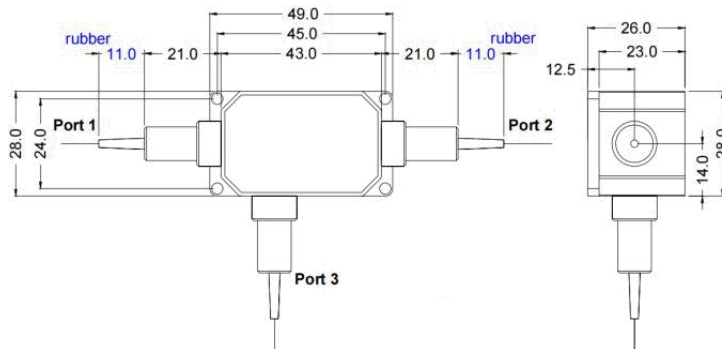
### FEATURES

- High Isolation
- Low Insertion Loss
- High Return Loss
- High Stability & Reliability

### USE IN

- Fiber Laser
- Testing Instrument
- Fiber Sensor
- Medical Equipment

### MECHANICAL DRAWING



Unit: mm

Center Wavelength	633 nm
Operating Wavelength Range	±5 nm
Isolation	22 dB typ. @Peak; 20 dB min.
Insertion Loss	1.5 dB typ.; 2.0 dB max.
Polarization Dependent Loss	0.15 dB max.
Return Loss (Input /Output)	40 dB min.
Cross Talk	40 dB min.
Average Power Handling (Including Port 1 & Port 2)	0.5 W, 1 W, 2 W max.
Peak Power for ns Pulse	10 kW max. or Specified
Tensile Load	5 N max.
Dimension	49x28x26 mm
Operating Temperature	+10°C to +50°C
Storage Temperature	0°C to +60°C

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.

**1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.**

**2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.**