

0103 Circulator

R3100-S



4 Ports 1550 nm Polarization-Insensitive Optical Circulator, 300 mW

The polarization insensitive optical circulator utilizes proprietary designs and metal bonding micro-optics packaging. It's a compact, high-performance components, with high isolation, low insertion loss, low PDL, high stability and reliability. It is widely used in metro area network, wavelength add/drop, bi-directional communication systems, dispersion compensation and optical amplifiers.

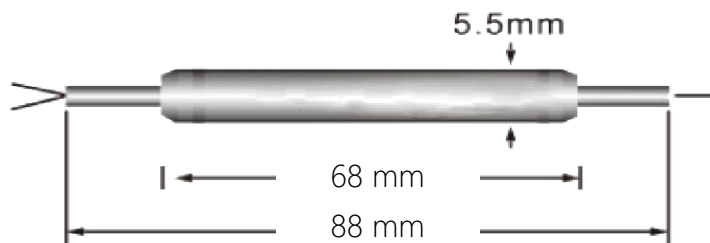
FEATURES

- Low Insertion Loss
- Wide Band High Isolation
- Low PDL
- High Stability and Reliability
- Compact In-Line Package
- Epoxy-free on Optical Path

USE IN

- Optical Amplifiers
- Metro Area Network
- Wavelength Add/Drop
- Dispersion Compensation
- Bi-Directional Communication

MECHANICAL DRAWING



Configuration	Port 1 to Port 2, Port 2 to Port 3, Port 3 to Port 4
Operating Wavelength	1310±30 nm
Isolation	50 dB typ.; 30 dB min.
Insertion Loss	1.0 dB typ.; 1.2 dB max.
Cross Talk	50 dB min.
Return Loss	50 dB min.
PDL	0.2 dB max.
Polarization Mode Dispersion	0.1 ps max.
Power Handling	300 mW
Operating Temperature	-10°C to +75°C
Storage Temperature	40 to +85°C
Dimension	5.5x5.5x68 mm

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.