

# 0101 Isolator

L2101-S



## 1064 nm Polarization Insensitive Isolator, Dual Stage, 300 mW

The L2101-S is a 1064 nm polarization insensitive isolator, dual stage, 300 mW. The device is characterized with high isolation, high return loss and low insertion loss. It has been widely used in fiberoptic amplifiers, fiberoptic systems testing, fiberoptic LAN systems and other fiberoptic communication equipments to suppress back reflection and back scattering.

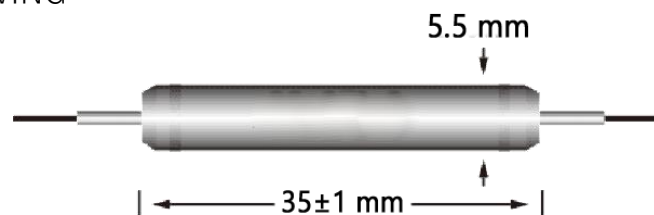
### FEATURES

- High Isolation
- Low Insertion Loss
- High Return Loss
- Low Polarization Sensitivity

### USE IN

- Fiber Optic Amplifiers
- Fiber Optic Systems Testing
- Fiber Optic LAN Systems
- Telecommunications

### MECHANICAL DRAWING



Center Wavelength	1064 nm
Operating Wavelength Range	±5 nm
Isolation	55 dB typ.; 45 dB min.
Insertion Loss	2.4 dB typ.; 3.4 dB max.
Polarization Dependent Loss	0.15 dB max.
Polarization Mode Dispersion	0.05 ps max.
Return Loss (In/Out)	50 dB/45 dB min.
Bandwidth	±5 nm
Power Handling	300 mW
Dimension	5.5 x 5.5 x 35±1 mm
Fiber Type	Hi 1060
Operating Temperature	-5°C to +70°C
Storage Temperature	-40°C to +85°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.**