

# 0101 Isolator

L5001-S



## 1310 nm Multimode Single Stage Isolator

The L5001-S is a 1310 nm multimode single stage isolator, LC/UPC connectors. The device is characterized with 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.

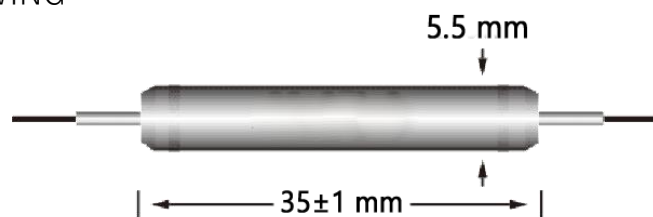
### FEATURES

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

### USE IN

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

### MECHANICAL DRAWING



Operating Wavelength	1310 nm
Isolation	25 dB min.
Insertion Loss	0.4 dB typ.; 0.6 dB max.
Return Loss (In/Out)	35/35 dB min.
Power Handling	500 mW
Fiber Type	MMF 62.5/125
Dimension	5.5x5.5x35 mm
Operating Temperature	-10°C to +70°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.**