

0101 Isolator

L1002-S



1310 nm, Single Stage Polarization Insensitive Isolator

The L1002-S is a 1310 nm, single stage polarization insensitive isolator. 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

Insertion Loss	0.35 dB typ.; 0.5 dB max.
Isolation	50 dB typ.; 40 dB min.
Return Loss (In/Out)	65 dB/65 dB min.
PDL	0.15 dB max.
Fiber Type (In/Out)	SM Fiber
Dimension	5.5x5.5x30 mm
Operating Temperature	-10°C to +75°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.