

## 0902 1550 nm Isolator (HP)

HL3002-S



### 1550 nm Optical Isolator, Single Stage, 5 W

The isolator is a single stage, 5 W, 1550 nm optical isolator. It features low insertion loss, high return loss and high isolation. It is a directional optical component used in fiber optical module, EDFA, testing instruments and communication systems.

#### FEATURES

- Low Insertion Loss
- High Return Loss
- High Isolation

#### USE IN

- EDFA
- Testing Instruments
- Communication Systems
- Normal Size
- Higher Power Size

Center Wavelength	1550 nm
Operating Bandwidth	±15 nm
Isolation	30 dB min.
Insertion Loss	0.4 dB max. typ.; 0.6 dB max.
PDL	0.1 dB max.
PMD	0.25 ps max.
Return Loss	55 dB min.
Power Handling	5 W max.
Operating Temperature	-5°C to +70°C
Storage Temperature	-40°C to +80°C
Dimension	5.5x5.5x30 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.**