

## 0802 1550 nm Isolator (HP)

HL3000-S



### 1550 nm Optical Isolator, Single Stage, 800 mW

The HL3000-S is a single stage, 800 mW, 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 for Non PM Fiber
  - Normal Size for Non PM Fiber
  - Higher Power Size

Center Wavelength	1550 nm
Operating Bandwidth	±15 nm
Isolation@23°C	30 dB min.
Insertion Loss@23°C	0.4 dB max. typ.; 0.6 dB max.
PDL(for Non-PM Isolator)	0.1 dB max.
PMD(for Non-PM Isolator)	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
Connector	NA