

0107 Polarizer/Depolarizer

Z3001-P

1310 nm In-Line Depolarizer, 2 mm Buffer, PM-PM

The Z3001-P is a 1310 nm in-line depolarizer which is designed to pass the light with the specified polarization, blocking the others. The function is to transform non-polarized light into linearly polarized light, for a high extinction ratio. It is also used to enhance the extinction ratio of the signals of precision measurement systems, fiber sensors, and high-speed test instrumentations where a high extinction ratio is required.

FEATURES

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Reliability
- High Stability

USE IN

- Communication Systems
- Test Instrument
- Fiber Sensor
- Research

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| Center Wavelength | 1310 nm |
| Operating Wavelength Range | ±30 nm |
| Insertion Loss@23°C | 0.8 dB typ.; 1.0 dB max. |
| Return Loss | 50 dB min. |
| Extinction Ratio@23°C | 22 dB typ.; 20 dB min. |
| Optical Power(CW) | 300 mW max. |
| Tensile Load | 5 N max. |
| Operating Temperature | -5°C to +70°C |
| Storage Temperature | -40°C to +85°C |
| Fiber Type for Input & Output | PM-PM |
| Dimensions | 35x5.5x5.5 mm |