

Mini Polarization Insensitive Optical Isolator

This mini optical isolator allows light to pass in one direction and blocks light in the opposite direction, regardless of polarization. It is suitable for fiber optic communication, laser, and optical systems where minimizing back reflections is essential.



Overview

Mini Polarization Insensitive Optical Isolator

This compact optical isolator is designed to allow light to pass in one direction while effectively blocking light traveling in the opposite direction, regardless of the light's polarization. By preventing back reflections and instability, it ensures stable and reliable performance in critical optical systems. Its small form factor makes it an ideal choice for integration into densely packed fiber optic communication systems, laser setups, and precision optical instruments.

Key Features

Core Benefits

- Polarization insensitive operation
- Compact design for high-density integration
- Prevents back reflections
- Enhances system stability

Applications

Typical Use Cases

Fiber Optic Communication, Laser Systems, Optical Instruments

Identification

Model Number

L0505556A