

MEMS Variable Optical Attenuator

This variable optical attenuator (VOA) utilizes a micro-electro-mechanical mechanism for optical power control. It features a compact design, simple construction, and excellent optical performance.



Product Overview

MEMS Variable Optical Attenuator

The MM Series VOA is a high-performance variable optical attenuator based on proprietary micro-electro-mechanical system technology. Designed for optical power control and channel balancing in fiber optic systems, it features a compact design with low power consumption and excellent optical characteristics. This device is fully compliant with Telcordia 1209 and 1221 reliability standards, ensuring robust operation in demanding network applications.

Key Features

Features

Compact Design, Low Cost, High Reliability, Low Power Consumption, Low IL, PDL, WDL & TDL

Optical Performance

Operating Wavelengths

- 1310 ± 50 nm
- 1480 ± 50 nm
- 1550 ± 50 nm

Technical Specifications

Reliability Compliance

Telcordia 1209 • Telcordia 1221

Available Configurations

Normally-Open, Normally-Closed, Integrated Tap Option

Applications

Typical Use Cases

- Power Control
- Power Regulate
- Channel Balance
- Instrumentation