

MEMS Variable Optical Attenuator

| Features | Applications |
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| Based on MEMS technology Hermetic Sealed with stable, excellent performance and high reliability | Used for Optical Coherent Tomography (OCT) systems where a stable attenuation is required Attenuation at 1060nm |
| Parameters | Specifications |
| Attenuation Type | Bright (minimum insertion loss at 0 Volt |
| Operating Wavelength | 1060±50nm |
| Minimum Insertion Loss | 1.0 dB (Typical < 0.8 dB) |
| Driven Voltage | ≤15V |
| Attenuation Step | Continuously |
| Repeatability (1060nm at 10dB) | <0.03 dB |
| Stability (1060nm at 10 dB 1 hours) | <0.05 dB |
| Maximum Attenuation | >25 dB |
| Return Loss | >45 dB |
| Power Consumption | <10 mW |
| Optical Power Handling | >500mW |
| Packaging | TO-46 |
| Fiber Type | H-1060, Bare fiber (or requested by customers) |
| Operating Temperature Range | 0°-50°C |
| Storage Temperature | -40° to 85°C |

