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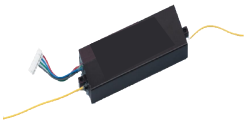
0502 Electro-mechanical VOA

VOA-STEP-S



Stepper Motor Type VOA

The variable optical attenuator offers very low insertion loss, polarization mode dispersion, polarization dependent loss, excellent thermal stability and an environmentally robust package. The outstanding optical performance and power handling capability make it uniquely qualified for optical network applications.

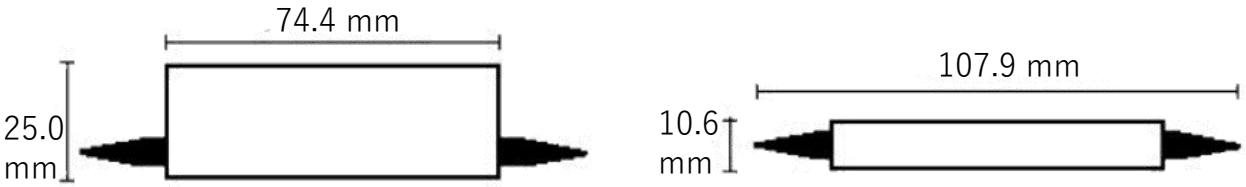
FEATURES

- Superior Low Insertion Loss
- Passive Athermalization Design
- Closed-Loop Control (Potentiometer) Prevents Excess Loss
- Latching Design Maintains Attenuation wtihout Power

USE IN

- Optical Automatic Gain Control
- Channel Equalization
- Pre-Emphasis
- Test Measurement

MECHANICAL DRAWING



Wavelength Range	1530 nm to 1565 nm
Insertion Loss	0.15 dB typ.
Wavelength Dependent Loss	0.25 dB max. @15 dB Attenuation
Insertion Loss Thermal Stability	0.01 dB/°C
PDL	0.10 dB max. @10 dB Attenuation
Polarization Mode Dispersion	0.025 ps max.
Attenuation Range	0 to 15 dB (Standard), 0 to 20 dB (Premium)
Back Reflection	55 dB
Power Handling	400 mW
Latching	0.10 dB max.
Resolution	0.10 dB max.
Repeatability	0.20 dB max.
Response Speed	500 ms max.

Order notes to our customers: **The default parameters are as follows. For special needs, please contact sales.**

1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.