

## 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 without Power

#### USE IN

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

Wavelength Range	1530 nm to 1565 nm
Min. Insertion Loss	0.15 dB typ.
Wavelength Dependent Loss	0.15 dB max. @10 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
Optical Power Handling	400 mW
Latching	0.10 dB max.
Resolution	0.10 dB max.
Repeatability	0.20 dB max.
Response Speed	500 ms max.