

DATA SHEET

Electrical Variable Optical Attenuator



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This is the New Power of Gould!

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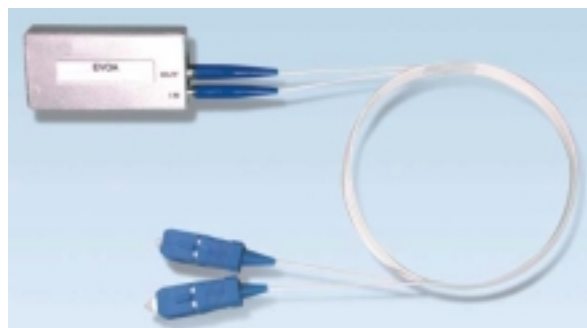
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FEATURES

- Hermetically sealed
- High stability and reliability
- Optional input and output monitor
- Latching capability
- Mountable on printed circuit board (PCB)



APPLICATIONS

- Power Equalization in optical add/drop multiplexers and OXC
- Gain-tilt control in optical amplifiers
- Power control into receivers
- Local power monitoring and feedback attenuator settings using built-in output taps.

OPTICAL PARAMETERS*

Wavelength Range (nm)		1525 - 1610
Attenuation Range (dB)		>30
Insertion Loss ¹ (dB)		≤0.6
Attenuation Resolution (dB)		≤0.1
Return Loss ^{1,2} (dB)		≥50
Wavelength Dependent Resolution (dB)	Flatness	≤0.2(0 - 15dB), ≤0.35(15 - 30dB)
	Ripple	≤0.05
Temperature Dependent Resolution ³ (dB)		≤0.15
Polarization Dependent Loss ¹ (dB)		≤0.2
Polarization Mode Dispersion (ps)		≤0.1
Response Speed ⁴ (ms)		≤100
Repeatability of Attenuation Setting (dB)		≤0.1
Backflash in Attenuation Setting (dB)		≤0.2
Optical Power (mW)		≤500
Operating Temperature (°C)		-5 to +70
Storage Temperature (°C)		-40 to +85
Package Dimension ⁵ (mm)		25(W) x 12(H) x 50(L)

1. Does not include connector

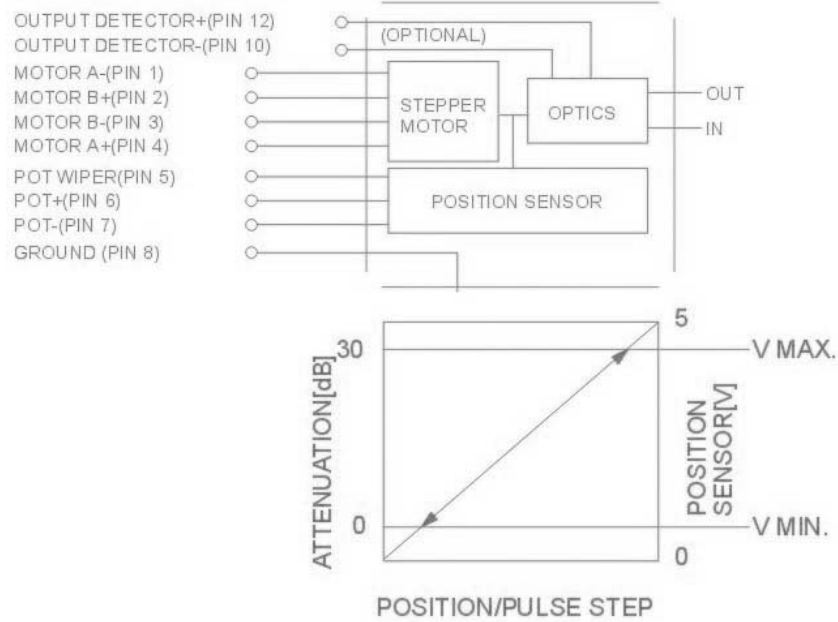
2. Without tap

3. Relative to 25°C

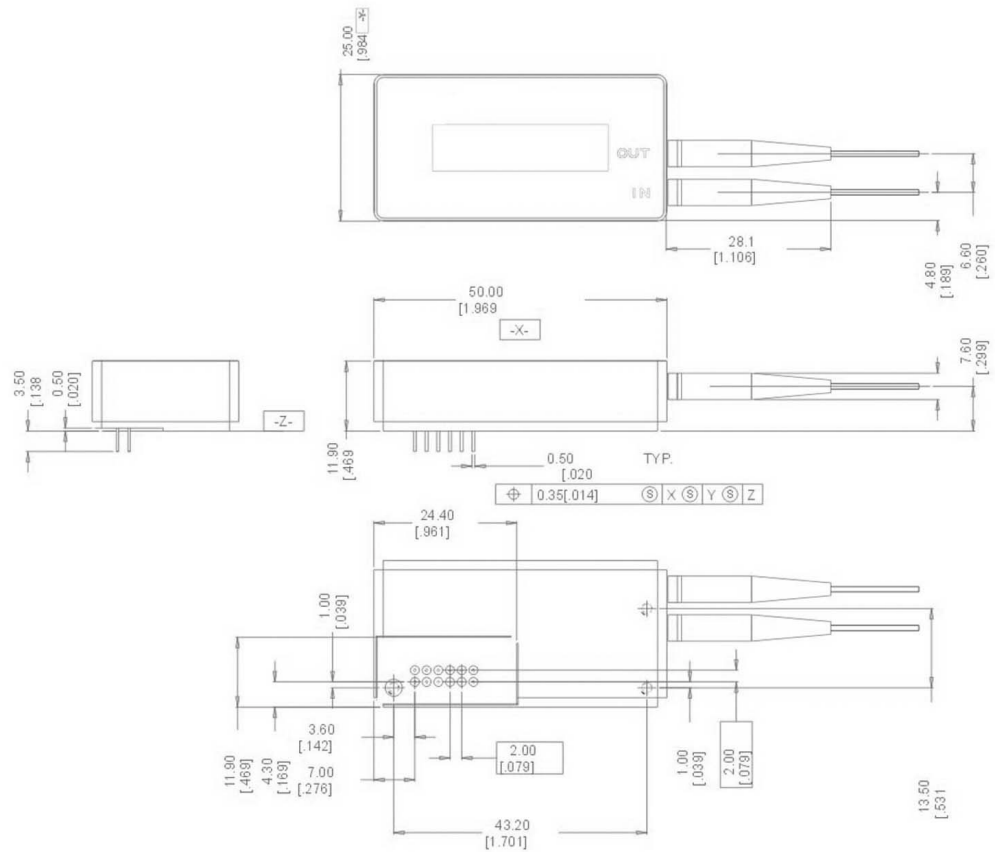
4. Considering 3 dB attenuation change

5. Does not include strain relief and connector pins

CONFIGURATION

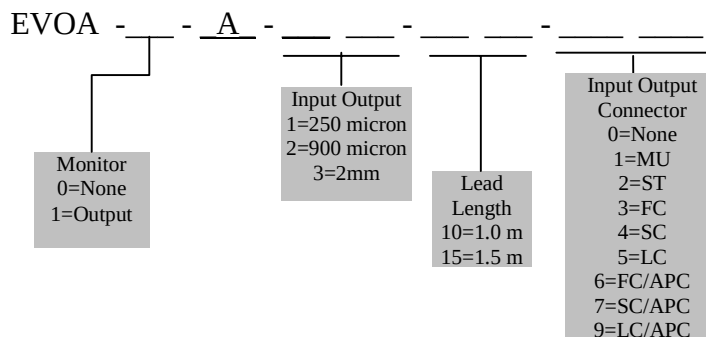


PACKAGE GUIDE



ORDERING INFORMATION

EVOA



For custom options and additional information, please contact us at:

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