

Electrically Variable Optical Attenuator with Latching

Our Electrically Variable Optical Attenuator (EVOA) is designed to use for optimizing the optical power of signal at key points in optical communications networks. It is a new miniature variable attenuator for application in either the C or L band. The attenuator offers an improved thermal stability. The attenuator has the features of compact size, lightness, excellent stability and reliability.

Features of our EVOA:

- Low insertion loss
- Compact size
- Low PDL & WDL
- Linear attenuation

Applications for our EVOA:

- Power equalization in multi-channel optically amplified network
- Gain-tilt control in optical amplifiers
- Transmitter power control
- Receiver power control
- OADM power balance

Specifications:

Parameter	Unit	Value
Optimized wavelength range	nm	1525 to 1565 (L band version available)
Attenuation range	dB	0~20 or 30
Attenuation resolution	dB	<=0.1
Insertion loss	dB	<=0.6
Return loss	dB	>=50
Polarization Dependent Loss	dB	<=0.1
Wavelength Dependent loss	dB	<=0.1
Repeatability of Attenuation Setting	dB	<=0.1
Operating temperature	°C	-5~+65
Electrical power consumption	W	<=2 (with latching)

Position sensor	K Ohm	10~12
Size	mm	50x25x12 (single channel)

- Channel number: single channel, 4 channel
- Wavelength: 1310nm, 1550nm, 1310/1550nm
- Monitor: w/ or w/o monitor
- Fiber type: 250um, 900um, 2mm, 3mm
- Fiber length: 1m, customer request
- Input/output: FC/PC, FC/APC, SC/PC, SC/APC, LC/PC, MU/PC, customer request

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing sales@o-eland.com