

## Motorized Variable Optical Attenuator

The OAT motorized attenuator is a fiber-pigtailed component which is used to set attenuation levels in the range of 0 to 40 dB. The motor configuration is a geared down-DC motor which may be controlled either in a servo loop or by applying pulses to step the motor up or down. This configuration is very stable n attenuation when the motor voltage is removed, and can offer fast attenuation control with servo loop feed back. All components are chosen to provide high reliability, particularly considering long term quiescent period.

### Features of our Attenuator:

- Wide attenuation range
- Precise resolution
- Low back-reflection
- Low insertion loss
- Low polarization dependent loss

### Applications for our Attenuator:

- Telecommunication system
- CATV system
- Test instruments
- DWDM networks
- Optical amplifier
- Optical Add/Drop Multiplexing

### Specifications:

Attenuation range	0 to 40 dB
resolution (0-10dB)	0.1 dB
resolution (10-20dB)	0.5 dB
resolution (20-40dB)	1.0 dB
Insertion Loss	typical 0.5 dB, maximum 1.0dB
Back-reflection	typical 50 dB
PDL	typical 0.03 dB, maximum 0.1dB
operating temperature	0 C ~ +55 C
storage temperature	-15 C ~ +70 C



package dimensions	67mm x 36mm x 15mm
--------------------	--------------------

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](mailto:sales@o-eland.com)