

[OEPAS-OAT-HV]

Manual Variable Optical Attenuator

Features:

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

Applications:

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

Product description:

The OAT manual variable optical attenuator is a fiber pigtailed component which is used to set attenuation levels in the range of 0 to 40 dB. By turning a high precision screw, attenuation can be set within 0.1dB. The compact housing is designed for mounting on a printed circuit board or within an enclosure.

Product specifications:

Parameters	Unit	OEPAS-OAT-HV
Wavelength range	dB	1525 to 1575
Attenuation Range	dB	0~15 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	<0.3
Operation Temperature	°C	-5 ~ + 65
Power	W	1

***Tuning range can significantly vary depending on FBG specifications.*

**** Recommended values. The ambient environment temperature can limit the performance, incl. the tuning range.*

**** Recommended values. The ambient environment temperature can limit the performance, incl. the tuning range.*

Wavelength: 850nm, 1310nm, 1550nm, 1310/1550nm

Input/output: no connector, FC/PC, FC/APC, SC/PC, SC/APC, LC/PC, MU/PC, customer request Cable diameter: 900um, 2mm, 3mm Fiber length: 1m, customer request