

Variable Attenuator

provides 4 kinds of variable attenuators for different application. The circular variable attenuator can make the optical density linearly varies around a 0 ° -270 ° circle for measuring laser energy farthest. As for the square one, the optical density linearly varies across the length for measuring laser energy. Also the high power variable attenuator is available for customization. Applications: Detector of photon

Model	VA-C
Material	BK7grade A optical glass, Fused si
Optical Density Range	OD0-OD3
Outside Diameter	·54mm±0.25
Dimension	54*42*67mm
Linearity of Density	±5%@632.8nm
Coating	S1:Ni-Cr-Fe; S2:Boardband AR coati
Clear aperture	>80% diameter
Damage threshold	30W/cm 2 CW
Active wavelength	400-1100 nm
Applicable power	<1000 mW

Model	VA-S
Material	BK7grade A optical glass, Fused si
Optical Density Range	OD0-OD2
Dimension	76.2*25.4*2.0mm
Linearity of Density	OD±5%
Coating	S1:Ni-Cr-Fe; S2:Boardband AR coati
Clear aperture	>80% diameter
Damage threshold	30W/cm 2 CW
Active wavelength	400-1100 nm

Specifications:

Model	VA-P
Dimensions	·33 mm ×65 (L) mm
Wavelength	400-1100 nm (Other wavelengths can

Model	ATT-45	ATT-20
Attenuation wavelength	1.064 ·m	
Limiting aperture	· 5mm	
Polarization state	Suitable for P polarization	
Dynamic adjustment range	0~ 4 5 dB (customizable)	0~20 dB (customizable)
Step width	· 1 dB	
Control precision	better than 0.5dB	better than 1dB
Damage threshold	·2J/cm 2	·2J/cm 2 @20ns
Fastest adjustment speed	· 3 dB/s	· 1 dB/s
I nsersion loss	10%	
Communication interface	RS 232/ 422 /485	RS 232
Power supply	DC 24V	