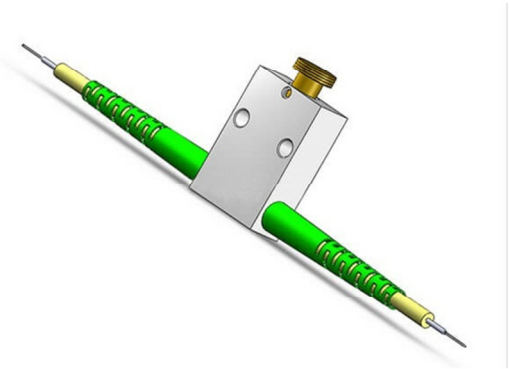
Variable Optical Attenuator (VOA)

Descriptions

This Variable Attenuator uses collimator lens technology enabling the user to change attenuation through the twist of a top mounted screw. Use this variable attenuator to simulate the loss in a fiber system or testing your system's dynamic range.



Features

- Wide attenuation range
- High precision
- Low original loss

Applications

- Optical passive component test
- Fiber communication on system test

Specifications

Parameter	Specification					
Center wavelength(nm)	1550	1490	1310	980	780	630
Operating bandwidth(nm)	±40	±40	±40	±20	±20	±20
Attenuation range(dB)	0.6~50	0.6~50	0.6~50	1.0~50	1.3~50	1.5~50
Original loss(dB)	≤0.6	≤0.6	≤0.6	≤1.0	≤1.3	≤1.5
Return loss(dB)	≥50					
Fiber type	SMF-28e			HI1060	SM800	SM600
Handling power(mW)	≤500					
Operating temperature(℃)	0 ~ +70					
Storage temperature(℃)	-40 ~ +85					
Dimensions(mm)	26×18×8					

Remark: Customized different VOA type/ length tolerance/specifications.

Ordering Information

VOA – A — B — C — D — E — F		
A	Wavelength	1550nm, 1310nm, 1064nm, 850nm, 630nm, etc
B	Adjustment type	HA=Hand adjustment , SA=screw adjustment
C	Tube Type	0.9=0.9mm Tight Buffer/Tubing,2.0= 2.0mm Jacket, 3.0=3.0mm Jacket, 3mm armour Jacket, etc
D	Fiber type	SMF-28e, HI1060, SM800, SM600, Customer Request
E	Fiber length	005=0.5m; 010=1.0m 100=10m etc
F	Connector Type	N=None,FC/APC, SC/APC, LCAPC, MU/PC, ST/PC, D4, etc
For example：VOA -1064—HA-2.0-HI1060-005-SC/PC		