



Applications

- Short distance network
- Private network
- Data Center

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Variable Optical Attenuator

Multi-Mode Mini VOA

Multi-Mode VOA is a VOA special product in Mini-VOA family supporting multi-mode laser attenuation. Based on the base design for single-mode VOA, special considerations are given in design and manufacturing process to achieve the desired performance in multi-mode operation.

The MMVOA is an critical component for multi-mode laser system with uncompromised performance.



Quality Performance Excellence

Features

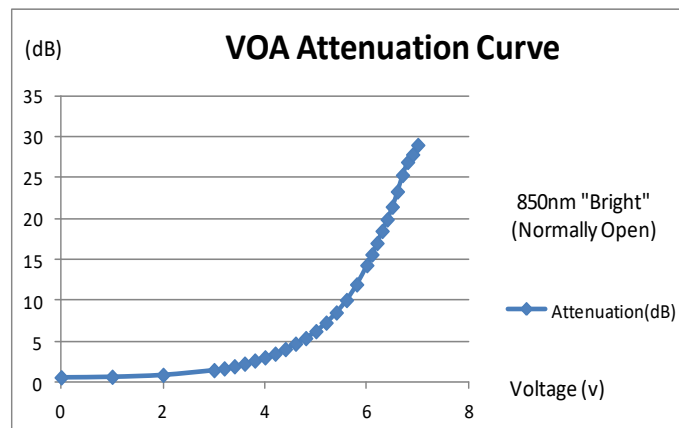
- Miniature design in a TO46 package
- Hermetically sealed
- Low insertion loss (IL)
- Large attenuation range
- High attenuation accuracy
- Low power consumption
- Fast response time
- High optical power handling
- Telcordia GR-1209 & GR-1221 compliant

Variable Optical Attenuator

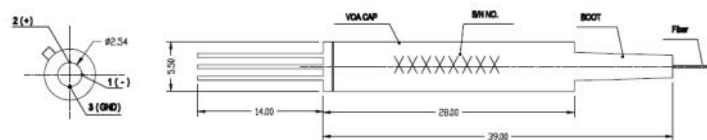
Specifications

Parameter	Specification	Unit
Fiber Type	50/125 62.5/125	um
Operating Wavelength Range	850 or 1310	Nm
Wavelength—tested	850 or 1310	Nm
Attenuation Range	Min 20 20	dB
Driving Voltage (LV / HV)	Max 6 / 16 6 / 16	V
Insertion loss	Max 0.8 0.8	dB
Optical Return Loss	Min 35 35	dB
Repeatability @ 20dB	Max 0.2 0.2	dB
Wear-out	Min 10 ⁹ 10 ⁹	Cycle
Response Time	Max 5 5	ms
Total Optical Power	Max 500 500	mW
Dimension	28 ×Φ5.4 (L×D)	mm
Configuration	Bright / Dark	
Operating Temperature	-5~70	°C
Storage Temperature	-40~85	°C
Power Consumption	10	mW

Optical performance



Dimension



Ordering Information

B	B	S	M	L	N	0	0	1	0
Package Type:	Attenuation Type:	Wavelength Range:	Optical Modes:	Attenuation Range:	Test Method	Connector Type:	Fiber Protection:	Fiber Length:	Mfg-Spec.:
B: Mirror Type, Standard "Mini"	B: Bright 5V C: Bright 15V D: Dark 5V E: Dark 15V	O: 1310nm S: 850nm	M: Multimode 50um fiber core T: Multimode 62.5um fiber core	L: 20-25dB	N: Narrow-band	0: None 1: FC/UPC 2: FC/APC 3: SC/APC 4: SC/UPC 5: LC/UPC	0: Bare 1 0.9mm OD jacket	1: 1m	0: None