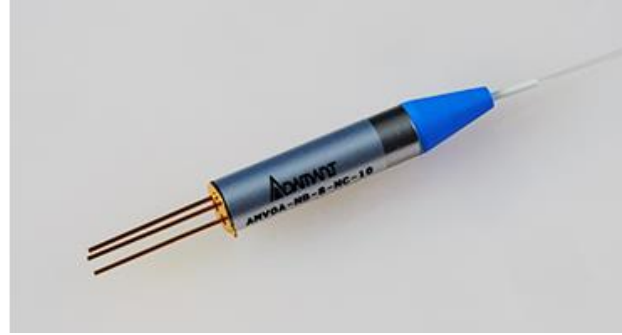


High Speed Response Variable Optical Attenuator (VOA)

Features

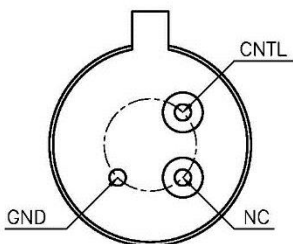
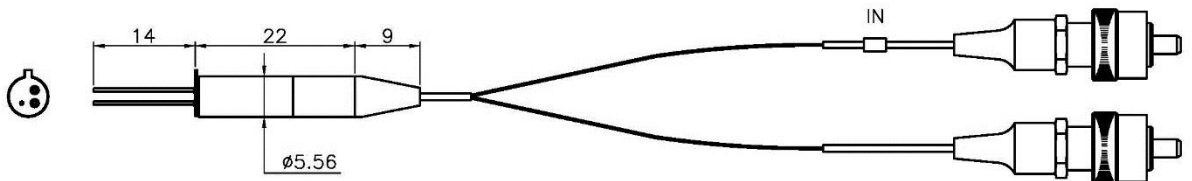
- Original patented MEMS structure (US 7535620)
- Ultra High Speed response time (Typ. 0.4 ms)
- Low Operating Voltage (5 V)
- Low Insertion Loss
- Flat WDL and Low PDL
- Compact package
- Available in both Bright & Dark configuration
- Excellent operating vibration and shock performance
- Qualified to Telcordia GR-1221
- RoHS Compliant
- Customized flexibility (Multimode, Wavelength)



Applications

- OADM and MUX / DEMUX
- Optical power controller and equalizer
- Amplifier gain control

Package Dimensions



High Speed Response Variable Optical Attenuator (VOA)

Specifications

| parameter | value | notes |
|-----------------------------|--|------------------------------|
| Attenuation type | Bright / Dark | |
| Wavelength | 1530 ~ 1565 nm 1565 ~ 1610 nm 1530 ~ 1610 nm | C-Band L-Band C/L-Band |
| Insertion Loss | 0.8 dB | Typ. 0.5 dB |
| Return Loss | 45 dB | Typ. 50 dB |
| Attenuation Range | 30 dB 40 dB | Bright Dark |
| Wavelength Dependent Loss | 0.5 dB (10 dB ATT.) 1 dB (20 dB ATT.) | Typ. 0.3 dB Typ. 0.6 dB |
| Polarization Dependent Loss | 0.3dB (20 dB ATT.) | Typ. 0.2 dB |
| Response Speed | 1 ms | Typ. 0.4 ms |
| Optical Power Handling | 500 mW | |
| Power Consumption | 100 nW | |
| Operating Temperature | -5 °C to +70 °C | |
| Storage Temperature | -40°C to +85 °C | |
| Operating Voltage | 5 V 6 V | Bright Dark |
| Fiber type | SMF-28 or Equivalent | |

Ordering Codes

AMVOA — □ — □ — □ — □

Attenuation Type

NB : Bright
ND : Dark

Fiber Length

10 : 1.0 m
15 : 1.5 m
XX : X.X m

Operating Wavelength Range

C : C-Band
L : L-Band
CL : CL-Band

Connector Type

FC : FC-UPC FA : FC-APC
SC : SC-UPC SA : SC-APC
LC : LC-UPC LA : LC-APC
MU : MU-UPC MA : MU-APC
NC : No Connectors

Features

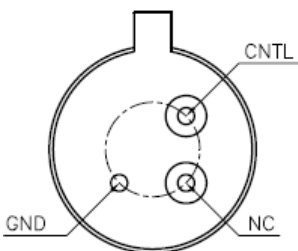
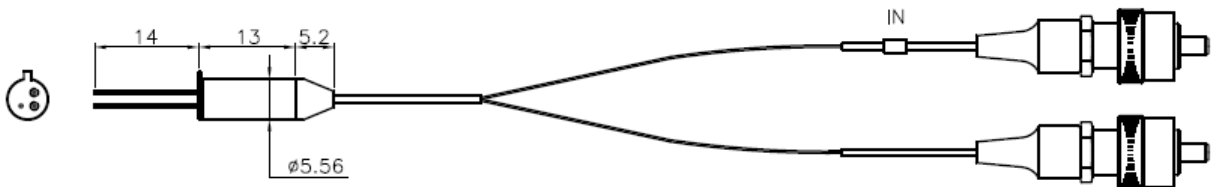
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