

Mirror VOA

Features

- Compact size
- Ultra-fast tuning speed
- Extremely low power consumption
- Low insertion loss
- Hermetically sealed MEMS chip
- Compliance with Telcordia GR-468-CORE

Applications

- Optical network power management
- Gain-tilt control in EDFA
- Receiver protection
- Channel on/off switching
- Mux and Demux module, OADM node



Main Specifications

Parameter		Max	Min	Specification	Unit
Attenuation Type				Dark or Bright	
Channel Center Wavelength				C-band	nm
Attenuation Range @ 0 ~ 5.0 V			√	25	dB
Attenuation Range @ 0 ~ 6.5 V			√	35	dB
Insertion Loss ¹		√		0.8	dB
Response Time		√		3	ms
Wavelength Dependence Loss	0 ~ 8 dB attenuation	√		0.5	dB
	8 ~ 15 dB attenuation	√		1	dB
	15 ~ 20 dB attenuation	√		1.5	dB
Temperature Dependent Attenuation ²	at IL	√		±0.3	dB
	at 10 dB	√		±1.2	dB
	at 20 dB	√		±1.5	dB

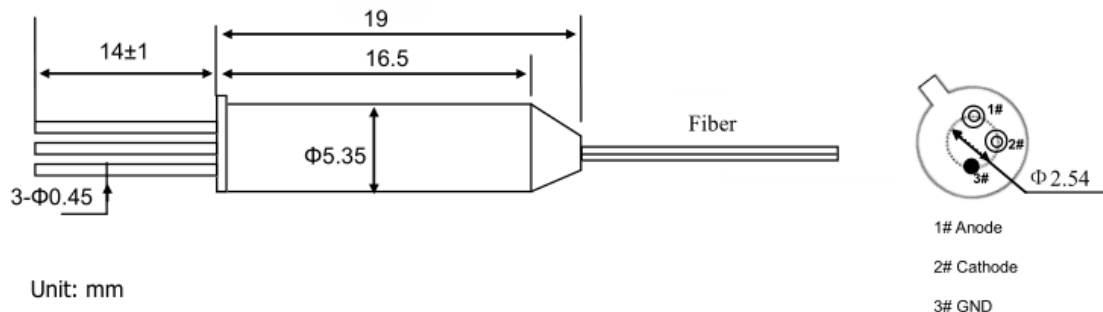


Parameter		Max	Min	Specification	Unit
Polarization Dependent Loss	0 ~ 10 dB attenuation	√		0.2	dB
	10 ~ 20 dB attenuation	√		0.3	dB
Return Loss			√	45	dB
Optical Power Handling			√	23	dBm
Power Consumption		√		0.5	mW
Drive Voltage				0 ~ 6.5	V
ESD			√	500	V
Operating Temperature Range				-5 ~ +75	°C
Storage Temperature Range				-40 ~ +85	°C

Notes:

1. Excluding connectors; maximum insertion loss will increase by 0.2 dB with a pair of connectors.
2. Relative to 25°C.

Dimensions



Order Information

- The above specifications represent the typical performance of an O-Net VOA of this category.
- Please contact our Sales to discuss your specific requirements.