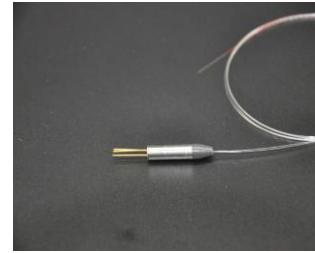


## MEMS VOA

Mirror MEMS attenuators are based on a micro-electro-mechanical system (MEMS) technology.

The MEMS attenuators design achieves highly repeatable optical attenuation over C and/or L band through an electrically movable mirror on silicon.

The products are Telcordia GR-1221-CORE qualified and RoHS compliant.



### Applications

- Channel equalization
- Gain and Slope Control in EDFA
- For ROADM power balance
- Receiver Protection/switch during transmitter turn-ons

### Features

- Low insertion loss
- Low polarization dependent loss
- Compact size
- Available in both normally open and normally closed states
- Excellent reliability

### SPECIFICATION

Parameters	Unit	Value
Operation Wavelength	nm	1528~1565
Attenuation Type		Dark or Bright
Attenuation Range	dB	40
Insertion Loss <sup>1</sup>	dB	<0.8
Attenuation Resolution		Continue
WDL	dB	<1.0@15dB
PDL	dB	<0.2@15dB
Return Loss	dB	≥50
Response Time	ms	1
Driving Voltage	V	<6
Driving Power	μw	<5
Operating Temperature	℃	-5~70
Storage Temperature	℃	-40~85
Max Optical Power	mW	500
Package Size (Dia × L)	mm	5.5×19(Without boot)
<b>Note:</b> " 1" Typical value 0.6dB, without connector		