

MEMS Attenuator Array Module



Product Introduction

MEMS Attenuator Array modules are an optical-electro integrated module based on MEMS VOA. It integrates PD, Coupler and other control units. We can meet customer's need to combine MEMS VOA with various optical device to be a module which can be apply to various control node in intellectual optical network.

Features

- High integration
- Low insertion loss, wavelength dependent loss and polarization dependent loss
- Fast response time
- Compact size
- Several models of interface options

Applications

- Transmitter and Receiver power control
- Gain-tilt control in EDFA
- ROADM
- Dynamic Gain/Channel Equalizers in DWDM networks

Standards

- Telcordia GR-1221-CORE
- RoHS

Specifications

Parameter		Unit	Specifications
Wavelength		nm	1528~1565
Insertion Loss(With Connectors)		dB	<1.6
Attenuation Range		dB	<20
Attenuation Precision	@0~10dB	dB	±0.5
	@10~15dB	dB	±0.8
WDL	@0~10dB	dB	<0.5
	@10~20dB	dB	0<.7
PDL	@0~10dB	dB	<0.3

	@10~20dB	dB	<0.4
Optical Power Detect precision	-30≤P < -20 dBm	dB	±0.8
	-20≤P≤0 dBm	dB	±0.5
	0 < P≤10 dBm	dB	±0.8
Operating Voltage		V	+5V
Operation Temperature		°C	-5~+65
Package		mm	140x75x15

Ordering Information

OM-VA- □-□-□-□-□-□

PD: 8: 8 PD, 4: 4 PD, 2: 2 PD, 1: 1 PD

Connector: 00: no connector, LC/APC, LC/UPC, SC/APC, SC/UPC

Fiber Length: 0.65: 0.65m、Customer specify

Fiber Type.: 025: Φ0.25mm, 09: Φ0.9mm

Wavelength: 1550: 1525~1565nm、1610:1610-1650

Channel : 8: 8 CH, 4: 4 CH, 2: 2 CH, 1: 1 CH,

