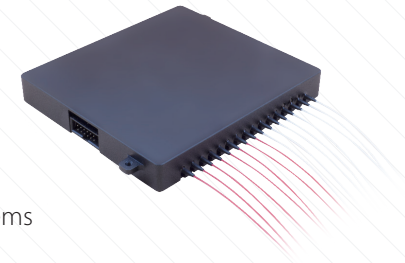
8-Channel MEMS VOA Array



8-Channel MEMS VOA Array is a VOA Module based on MEMS technology, featuring compacting design, simple construction, and excellent optical performance. The VOA Array is applied to the dynamic fiber optical modules, subsystems and networks.

Features
- Low insertion loss
- Low polarization dependent loss
- Fast response
- Low power consumption
- Compact packaged size
- Customized design available on request

Applications
- Dynamic gain equalization in DWDM systems
- Optical network power management
- MUX/DeMUX module
- OADM node
- Power equalization in VMUX
- Instrumentation

Specifications

Parameter	Unit			Specification	
Configuration				Bright	Dark
Wavelength Range	nm			C band 1525 - 1570	L band 1570 - 1610
Attenuation Range	dB			25/30/40	25/30/40
Return Loss	dB			45	45
Insertion Loss	dB/ V			0.8	0.8
Polarization Dependent Loss	0dB			0.1	0.1
	0dB ~ 10dB			0.4	0.4
	10dB ~ 20dB			0.8	0.8
Flat-ness	Broad Application	Band	0dB	0.2	0.2
			0-10dB	0.6	0.6
			10-20dB	1.5	1.5
	Narrow Application		0dB	0.2	0.2
			0-10dB	0.2	0.2
			10-20dB	0.4	0.4
Response Time	ms			5	5
Optical Power Handing (per clwme1)	mW/ch			500	500
Dimension	mm			60x50x11 (LxWxH)	
Fiber Type				Corning SMF-28(9/125μm)	
Fiber Marking				Input port: Red / Output port: Clear	
Operating Temperature	°C			-5~70	
Storage Temperature	°C			-40~85	
Power Consumption	mW			10	

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