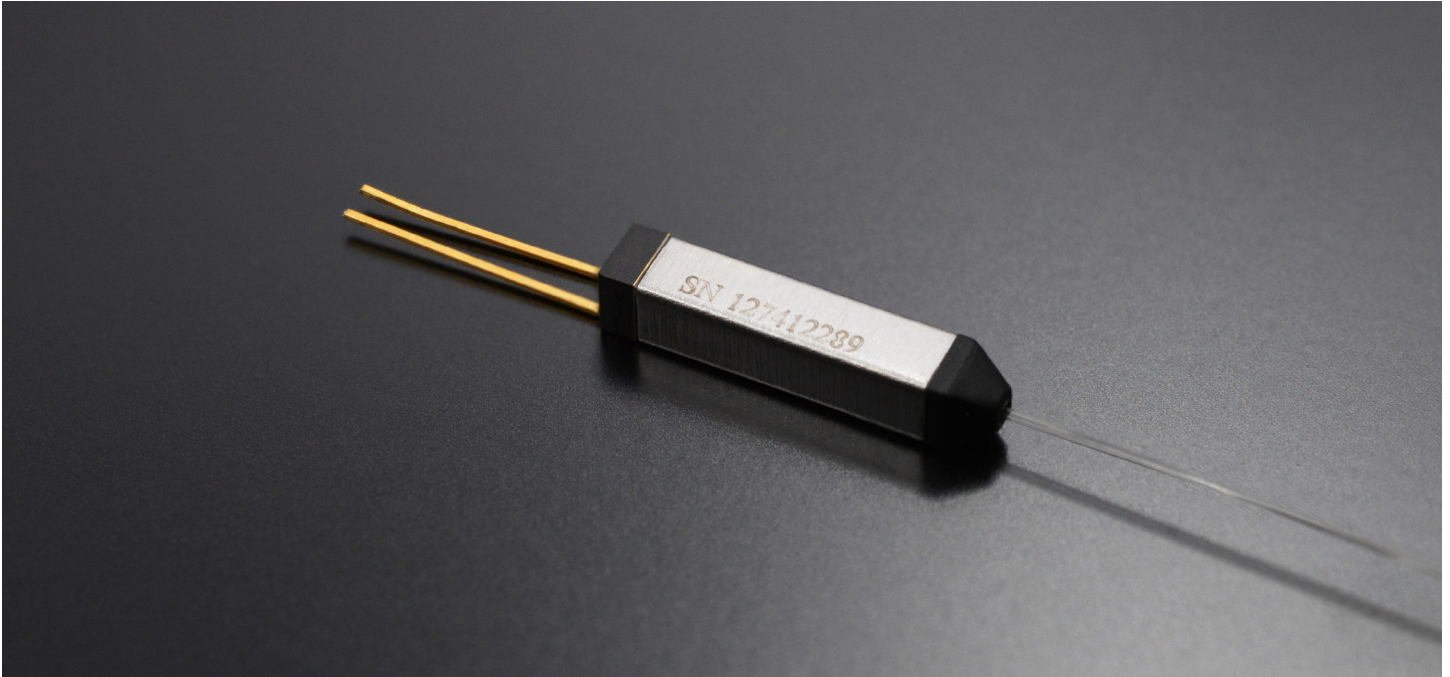


ULTRA MINI-VOA

Ultra mini Variable Optical Attenuator, ES-MEMS, Bright type



FEATURES

- Low Insertion Loss
- Large attenuation range
- Low WDL
- Low power consumption
- High Reliability

APPLICATIONS

- Power management in optical network
- Power balancing between amplification stages
- Dynamic optical power control and Channel equalization
- Channel balancing for optimizing transmission performance

Specifications

Parameter		Min	Typ	Max	Unit
Operating wavelength range	C-band	1528		1568	nm
	L-band	1570		1612	nm
Dynamic attenuation range		40			dB
Insertion loss	V = 0			0.8	dB
Wavelength Dependent Loss	0~20 dB			0.6	dB
Polarization Dependent Loss	0~20 dB			0.4	dB
Temperature Dependent Loss	0~20 dB			1.6	dB
Response time				5	m Sec
Return loss		45			dB
Attenuation slope	0~20 dB			25	dB/V
Drive voltage				5.5	V DC
Durability		1×10 ⁹			cycles
Operating temperature range		-5		75	°C
Storage temperature		-40		85	°C
Fiber type			ITU G.657		
Fiber length		1.0			m

