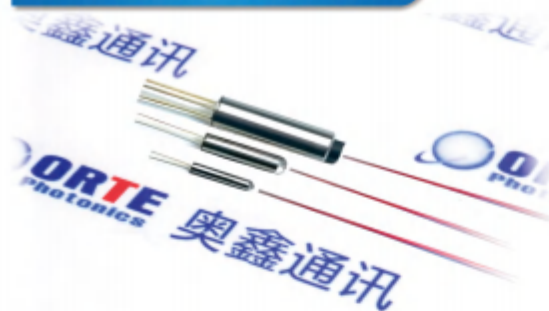


MEMS VOA / 可调光衰减器



Features 特点

Low Loss, PDL, WDL
Wide operating wavelength range
Fast response
Bright and dark type
High stability and durability

Applications 应用

Power management
Fiber optical amplifier
Power equalization in multi-channel
Receiver protection

Optical Specification 性能规范

Type	Unit	ES MEMS VOA	
Operating Wavelength	nm	C or L band	
Insertion loss	dB	≤ 0.8 (Type 0.4)	
Attenuation Range	dB	≥ 30	
Wavelength dependence loss	dB	" $\leq 0.10 @ 0\text{dB Att}$ $\leq 0.40 @ 10\text{dB Att}$ $\leq 0.80 @ 20\text{dB Att}$ "	" $\leq 0.10 @ 0\text{dB Att}$ $\leq 0.50 @ 10\text{dB Att}$ $\leq 1.00 @ 20\text{dB Att}$ "
Polarization dependence loss	dB	" $\leq 0.10 @ 0\text{dB Att}$ $\leq 0.20 @ 10\text{dB Att}$ $\leq 0.30 @ 20\text{dB Att}$ "	" $\leq 0.10 @ 0\text{dB Att}$ $\leq 0.25 @ 10\text{dB Att}$ $\leq 0.40 @ 20\text{dB Att}$ "
Repeatability	dB	≤ 0.1	
Return Loss	dB	≥ 45	
Response speed	ms	≤ 2 (90% optical rise/fall)	
Control Voltage	V	< 7	
Operating Temperature	°C	$-5 \sim 75$	
Storage Temperature	°C	$-40 \sim 85$	
Fiber Type		G657.A1 or Customized	
Package	mm	$\Phi 5.5 \times L20$	$\Phi 3.5 \times L15$, $\Phi 2.2 \times L12$

NOTE: The parameters do not include connector, connector IL is 0.30dB

Tested at 23 Deg.

The above product information is for reference only, please contact our company for the latest information.

Product Ordering Guide 产品订购指南

MEMS VOA	A	B	C	D	E	F	G
MEMS VOA	Product size	Attenuation Type	Wavelength	Fiber Type	Fiber Length	Fiber diameter	Connector Type
	22- $\Phi 2.2 \times 12\text{mm}$	B: Bright	C: 1290~1330nm	U: SMF-28 Ultra	05: 0.5m	25-250um	N: None
	35- $\Phi 3.5 \times 15\text{mm}$	D: Dark	C: 1525~1570nm	Z: ZBL	10: 1.0m	90-900um	LA: LC/APC
	55- $\Phi 5.5 \times 20\text{mm}$		L: 1570~1610nm	L: LBL	13: 1.3m	S: Specify	LA: LC/APC
			S: Specify	S: Specify	S: Specify		FP: FC/APC
							FA: FC/APC
							S: Specify

