Programmable Optical Attenuator 1310nm

● Product Description

The benchtop optical fiber programmable attenuator is specially used for attenuation control of optical power in optical fiber optical paths. It has built-in power monitoring, a large attenuation range, high adjustment accuracy, stable power, and optional normally open or normally closed types. It provides benchtop or modular packaging.

● Product features

Power stability、 High dynamic range、 Remote monitoring

● Part Number

MP-VOA-B-1310-1-B-PA

● Application area

Fiber optic sensing、 Fiber optic communication Device testing

● Core parameters

Wavelength	Input Optical Power
1310nm	<100mW

● General Parameters

Parameter

Parameter	Unit	Typical	Notes
Wavelength range	nm	1310/1480/1550/1590	
Attenuation range	dB	0~30	
Attenuation adjustment step	dB	<0.1	@RT
Attenuation accuracy	dB	±0.15	
Attenuator type	-	B(Normally open type)	Zero attenuation value when off
		D(Normally closed type)	Maximum attenuation value when off
Input optical power	mW	<100	
Insertion loss	dB	<1.5	

Parameter	Unit	Typical	Notes
Wavelength-dependent loss	dB	<1	
Polarization-dependent loss	dB	0.5	
Pigtail type	-	SMF-28 or PM1550	
Pigtail connector type	-	FC/APC	

Electrical and environmental parameters	Benchtop	Module
Control mode	Button	RS232 Serial communication
Communication interface	Optional	DB9 Female
Power supply	100~240VAC,<30W	5V DC,<15W
Dimensions	260(W)×280(D)×120(H)mm	125(W)×150(D)×20(H)mm
Operating temperature range	-5~+35°C	
Operating humidity range	0~70%	

Ordering information

Ordering information / PN#					
VOA	Operating wavelength (nm)	Output power(mW)	type	Maximum attenuation value (dB)	Output pigtail type	Package method
	1310/1480/1550/1590	1 = 1×1 channel 4 = 4 ×4 channels	B=normally open D=normally close	30	SM=SMF-28 PM=PM 1550	B=Benchtop; M=Module