

VOA230

Electric Mode Manual variable optical attenuator

PRODUCT DESCRIPTION

VOA230 voltage-controlled manually variable optical attenuator, use adaptor type optical connector, is featured as portable, succinct, and low cost. Compared with mechanical manually variable optical attenuator, VOA230 is characterized by high reliability, avoiding mechanical damage. The attenuation value can be changed and set by turning the regulation resistance, dynamic range 20~30dB. It can be applied flexibly to system which requires adjustable optical power and lab test.

PRODUCT FEATURE

- ▶ Continuously adjustable, 20~30dB dynamic range
- ▶ High resolution
- ▶ Compared with mechanical attenuator, VOA230 is difficult to be damaged
- ▶ Succinct, cost-efficient
- ▶ Thermal stability
- ▶ Portable, easy to use

MAIN APPLICATION

- ▶ Receiver input power adjustable
- ▶ EDFA output power adjustable
- ▶ Optical power equalization
- ▶ System testing
- ▶ Laboratory application



TECHNIQUE INDEX

Performance		Index			Supplement
		Min	Typ	Max	
Operating wavelength range	(nm)	1520		1600	
Optimum operating wavelength		1525		1575	
Dynamic range	(dB)	20		30	1525~1565
Insertion loss	(dB)		1.5	2.5	
Resolution	(dB)		0.02	0.1	
Polatization dependence loss	(dB)			0.15	0 to 15dB
				0.3	15 to 30dB
Wavelength dependence loss	(dB)		0.2	0.8	0 to 20dB
Polarization mode dispersion	(ps)			0.05	0 to 20dB
Power handling	(mw)			500	
Optical return loss	(dB)	45			
Optical connector		SC/APC			Option FC,LC
Operating voltage	(V)	90		265	
Power consume	(W)			3	
Operating temp.	(°C)	-5		75	
Storage temp.	(°C)	-40		+85	
Weight	(Kg)		0.25		
Size		2.3×3.9×0.9			(W×D×H)

MODEL EXPLANATION

