

VOA135

Mechanical Manual Variable Attenuator

PRODUCT DESCRIPTION

VOA135 Mechanical Manual Variable Attenuator is a fiber-pigtailed component that sets attenuation levels in the range of 35dB. By turning an adjustment screw, attenuator can be precisely set. The compact housing is designed for mounting on a printed circuit board or within an enclosure. An optional resistance readout for filter location purposed is available.

PRODUCT FEATURE

- ▶ Continuous trimpot adjustment to 35dB
- ▶ Typical resolution of 0.02dB
- ▶ Rugged and field proven
- ▶ Thermal stability
- ▶ Easy to install and adjust

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	1260		1600	
Dynamic range	(dB)		35		
Insertion loss	(dB)		0.7		
Resolution	(dB)		0.02	0.1	
Polarization dependence loss	(dB)			0.3	0 to 15dB
				0.8	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
Fiber length	m		1		
Fiber type		Single-mode 900μm			
Operating temp.	(°C)	-5		75	
Storage temp.	(°C)	-40		+85	

MODEL EXPLANATION

