



Features

- High speed (0 to 60 dB < 3 seconds)
- 2 x AA alkaline, AC power, or optional NiCad battery pack
- Long battery life (> 16 hours)
- Handheld, rugged, lightweight (0.55 kg)
- Cost-effective, easy to use

VOA5 Variable Fiber Optic Attenuator

The Noyes VOA5 from AFL Telecommunications is a handheld variable optical attenuator suited for a wide range of fiber link certification and production test applications. The VOA5 attenuator offers high bi-directional return loss and will maintain the set attenuation level when the unit is powered down.

Input/output ports of the VOA5 are equipped with tool-free removable adapters to allow the output connectors to be inspected and cleaned. The VOA5 is powered by two (2) AA alkaline batteries or an AC power adapter. A NiCad rechargeable battery pack is available as an option.

Specifications

OPTICAL	VOA5-MM
Fiber Type	62.5µm, multimode
Wavelength Range	850 - 1300 nm
Calibrated Wavelengths	850, 1300 nm
Attenuation Range	0 to 30 dB
Insertion Loss (max.)	1.5 dB @ 850 nm 3.0 dB @ 1300 nm
Return Loss (min.)	20 dB
Display Resolution	0.1 dB
Accuracy @+25°C	±0.20 dB typical, ±0.4 dB max (0 dB to 30 dB) ±0.3 dB typical, ±0.6 dB max (30 dB to 60 dB)
Repeatability @+25°C	± 0.25 dB*
Maximum Input Level	+ 24 dBm
GENERAL	VOA5-MM
Battery Life (2 x AA alkaline)	10 hours
Speed	0 to 30 dB in less than 5 seconds
Power	2 x AA alkaline, AC adapter, or NiMH battery pack (optional)
Size (H x W X D)	18.5 x 11.1 x 4.6 cm (7.3 x 4.4 x 1.8 in)
Weight	0.55 kg (1.22 lb)
Operating Temperature	0° to +50° C
Storage Temperature	-20° to +60° C
Relative Humidity	0 to 90% (non-condensing)
Available Connectors	SC/UPC, FC/UPC, ST/UPC

* Repeatability is defined as the mean plus one standard deviation typical value.

Ordering Information

MODEL	INCLUDES
VOA5-MM	Protective rubber boot, 2 x AA alkaline batteries, 120/ 220 V AC power adapter*, user's guide, and carry case.

* Specify optical connector and AC power cord type.



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