

Fixed Coaxial Attenuator

WA26 & WA27

WA 26: DC - 4.0 GHz

WA 27: DC - 8.5 GHz

100 WATTS



Features

Type N, SMA, TNC, or 7/16 DIN stainless steel connectors per MIL-STD-348A, interface non-destructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: WA26: DC - 4.0 GHz
WA27: DC - 8.5 GHz

Nominal dB Values: Standard dB values of 3, 6, 10, 20, and 30. Custom dB values available at an additional charge.

Power Coefficient: < 0.005 dB/dB/W;
Bidirectional in power. (40 and 50 dB unidirectional in power)

Power Rating: 100 W average to 25°C ambient temperature, de-rated linearly to 2.5 watts at 125° C, 5 KW peak (5µsec pulse width, 1% duty cycle).

Temperature Range: -55°C to +125°C.

Temperature Coefficient: < 0.0004 dB/dB/°C.

Construction: Black aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper or stainless steel contacts. RoHS compliant.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
3, 6, 10, 20	0.75
30	1.0

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 4.0	1.25
4.0 - 8.5	1.35

Dimensions:

Weight: .55kg (19.2)

Diameter: 76.2 (3.0)

Note: Dimensions are given in mm (in), or g (oz). Weight figure is nominal, with our standard connector configuration. Additional connector options may be available.

Calibration: Insertion Loss and VSWR performed across frequency range. Test data available at additional cost.