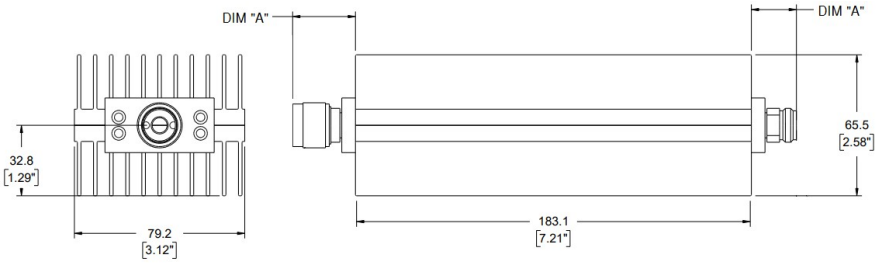
Fixed Coaxial Attenuator

WA36

DC - 8.5 GHz

300 WATTS



Features

Type N 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: DC - 8.5 GHz

Nominal dB Values: 10 - 40 dB

Power Coefficient: < 0.0001 dB/dB/W; Unidirectional in power.

Power Rating: **300 W** average to 25°C ambient temperature, de-rated linearly to 25 watts at 125° C, **5 KW** peak (5µsec pulse width, 3% 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.

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

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
	WA36
10 - 30	0.75
40	1.0

Maximum VSWR:

Frequency (GHz)	VSWR
	WA36
DC - 4.0	1.3
4.0 - 8.5	1.45

Dimensions:

Connector Type (- code)	Length
	Dimension 'A'
N-Type F -03	14.9 (.59)
N-Type M -04	22.7 (.89)
DIN 7/16 F -07	30.5 (1.2)
DIN 7/16 M -08	31.8 (1.25)

Weight: 1.3 (45.9)
Height: 51.8 (2.04)
Width: 79.2 (3.12)

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

Low Intermodulation Option: *Add -LIM after connector option to specify low intermodulation.*