

Fixed Coaxial Attenuator Ultra-High Power

MODEL WA70

DC – 2.5 GHz (Usable to 3.0 GHz)

1000 WATTS



Features

Designed to meet environmental requirements of MIL-D-39030. Type N or DIN 7/16 connectors. Natural convection cooling (*Air flow should not be obstructed around unit*)

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC – 2.5 GHz.
Usable to 3.0 GHz.

Operating Position: Horizontal.

Nominal dB Value: 20, 30, 40dB.

Power Rating: 1,000 watts average to 25° C ambient temperature, derated linearly to 100 watts @ 125° C (5 µsec pulse width; 0.5% duty cycle). 10 kilowatt peak. Unidirectional in power.

Power Sensitivity: <0.0001 dB/dB/W.

Temperature: -55° C to +125° C.

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

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

Connectors: Type N stainless steel mate non-destructively with MIL-PRF-39012 connector or DIN 7/16 connector, conforms to DIN 47223, IEC 169-4, VG 95250, CECC 22190.

Maximum VSWR:

Frequency (GHz)	VSWR
DC – 2.5	1.35

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy (dB)
	DC - 2.5 GHz
20, 30, 40	+ / -1.5

Physical Dimensions:

Length	388 / (15.2) nom
Width	234 / (9.2) nom
Height	268 / (10.5) max
Weight	18.2 kg/ 40 lbs

Note: Dimensions are given in mm (inches) and are maximum, unless otherwise specified.



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Specification
Subject to change
without notice