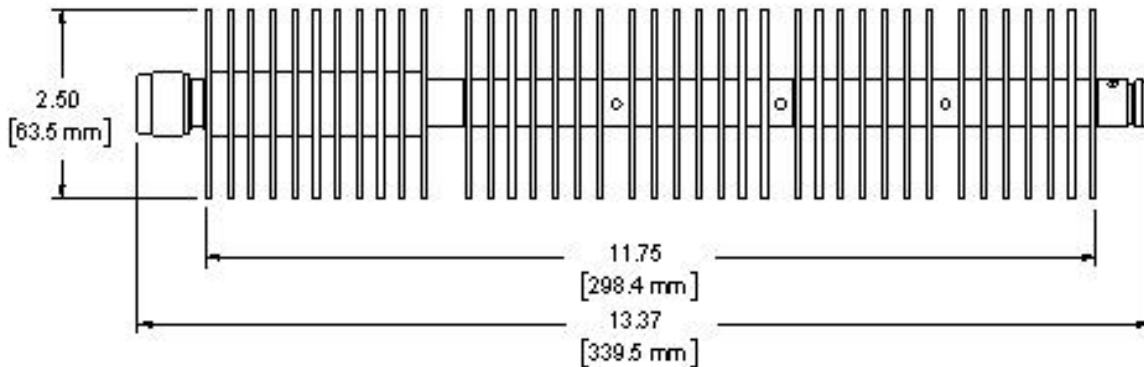


Fixed Coaxial Attenuator High Power - High Frequency

Model WA95

DC – 18.0 GHz

200 WATTS



Features

High power combined with high frequency response to cover a wide range of design requirements. Designed to meet MIL-DTL-3933 environmental specifications.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC – 18.0 GHz

Nominal dB Values: 10, 20, 30, 40 dB.

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

Power Rating: 200 Watts CW/1 kW peak (5 μ sec pulse width; 3.5% duty cycle) to 25°C ambient temperature, derated linearly to 20 watts at 100°C.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy \pm dB	
	DC - 8.0 GHz	8.0 – 18.0 GHz
10	1.50	+3.00 / -1.00
20, 30	2.00	+ 3.00 / -2.00
40	2.00	+ 3.00 / -2.00

Temperature Range: -55° C to 100°C.

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

Connectors: Type N connectors per MIL-STD-348A interface dimensions mate nondestructively with MIL-PRF-39012 connectors.

Construction: Aluminum alloy body, stainless steel connectors, gold plated beryllium copper contacts.

Maximum VSWR:

Frequency (GHz)	VSWR
DC – 18.0	1.50

Physical Dimensions:

Length: 339.5 (13.4)

Diameter: 63.50 (2.50).

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



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