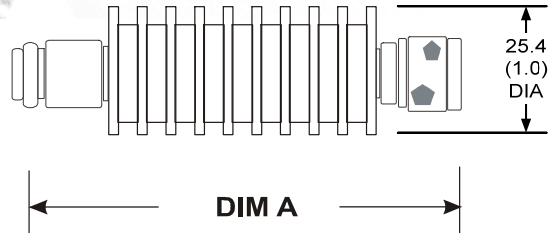


# Fixed Coaxial Attenuator

# MODEL WA34L

DC – 4.0 GHz

20 WATTS



## Features

Type N, SMA, or DIN 7/16 stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933.

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC - 4.0 GHz.

**Nominal dB Values:** 3 - 40 dB.

**Power Sensitivity:** < 0.0005 dB/dB/W;  
Bidirectional in power.

**Power Rating:** 20 watts average to 25°C ambient temperature, derated linearly to 2.5 watts at 125°C. 5 kilowatt peak (5 µsec pulse width; 0.5% duty cycle).

**Temperature Range:** -55°C to +125°C.

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

**Standard Nominal Values and Deviations:**

Attenuation (dB)	Accuracy ± dB
	DC – 4.0 GHz
3,6,10,20,30	0.6
40	1.0

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

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

**Maximum VSWR:**

Frequency (GHz)	VSWR
DC - 2.0	1.10
2.0 - 4.0	1.20

**Weight:**

Type N	.17 kg / 6 oz.
7/16	.18 kg / 7 oz.

**Physical Dimensions:**

**Length:**

Connector Type	DIM "A"
Type N	78.23 (3.08)
DIN 7/16	106.68 (4.80)
SMA	71.12 (2.80)

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



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