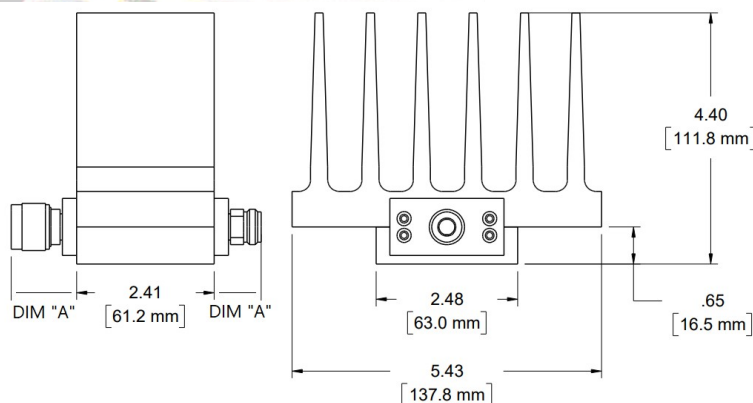


# Fixed Coaxial Attenuator

# WA65

**DC – 3.0 GHz**

**150 WATTS**



## Features

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

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC to 3.0 GHz

**Nominal dB Values:** 3 - 30 dB

**Power Coefficient:** < 0.0003 dB/dB/W;  
Unidirectional in power.

**Power Rating:** 150 W maximum average power to +25°C ambient temperature, de-rated linearly to 15 W at +125°C. 10 kW peak (5 µsec pulse width; 0.75% 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
	WA65
3 - 30	1.0

## Maximum VSWR:

Frequency (GHz)	VSWR
	WA65
DC - 3.0	1.2

## Dimensions:

Connector Type (- code)	Length Dimension 'A'
	SMA F -01
SMA M -02	10.9 (.43)
N-Type F -03	14.9 (.59)
N-Type M -04	22.7 (.89)
DIN 7/16 F -07	14.4 (.57)
DIN 7/16 M -08	17.7 (.70)

**Weight:** 0.86 (30.3)  
**Height:** 111.8 (4.4)  
**Width:** 137.8 (5.43)

*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.*