

# Fixed Coaxial Attenuator

# WA92

DC – 18.0 GHz

150 WATTS



## Features

Type N, SMA, 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 - 18.0 GHz.

**Nominal dB Values:** Standard dB values of 10, 20, 30 and 40. Custom dB values available at an additional charge

**Power Coefficient:** < 0.0002 dB/dB/W;  
Unidirectional in power.

**Power Rating:** **150 W** maximum rated average power at 25°C, de-rated linearly to 10 W at 125°C. **1 kW** peak power (5 µsec pulse width, 7.5% 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. Test data available at additional cost.

## Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
	WA92
10	2.0
20, 30, 40	1.5
LIM	3.0

## Maximum VSWR:

Frequency (GHz)	VSWR	
	WA92 (10dB)	WA92 (20 - 40 dB)
DC - 12.4	1.6	1.5
12.4 - 18.0	1.6	1.5
LIM	1.5	1.5

## Dimensions:

**Weight:** 0.35 (12.3)

**Diameter:** 63.5 (2.5)

*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.*