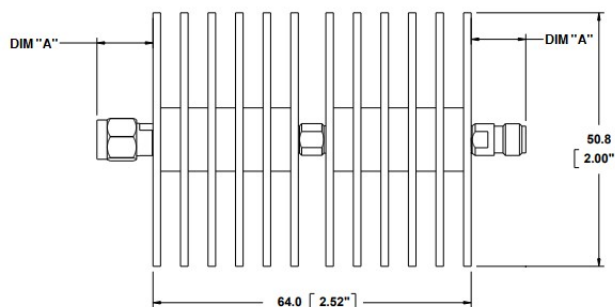


Fixed Coaxial Attenuator

WA73

DC – 26.5 GHz

50 WATTS



Features

3.5 mm 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. Compact construction meets a wide range of design requirements.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC to 26.5 GHz.

Nominal dB Values: 6 – 40 dB

Power Coefficient: < 0.0015 dB/dB/W;
Unidirectional in power.

Power Rating: **50 W** maximum average rated power to 25°C ambient temperature, de-rated linearly to 5 W at 125°C. **500 W** peak power (5 µsec pulse width, 0.5% 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. Calibration test data available at additional cost.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
	WA73
6, 10	1.25
20, 30	1.5
40	1.75

Maximum VSWR:

Frequency (GHz)	VSWR
	WA73
DC - 18	1.3
18 - 26.5	1.45

Dimensions:

Weight: 0.2 (7.1)
Diameter: 50.8 (2.0)

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.