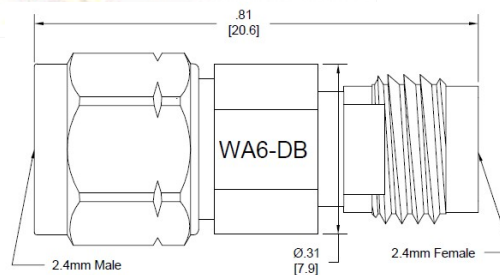


Fixed Coaxial Attenuator

WA6 & WA6A

WA6 - DC - 50 GHz
WA6A - DC - 50 GHz

1 WATT
2 WATTS



Features

2.4 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.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 50 GHz.

Nominal dB Values: 0 - 30 dB

Power Coefficient: < 0.005 dB/dB/W:
Bidirectional in power.

Power Rating: **1 W (WA6)** or **2W (WA6A)** average to 25°C ambient temperature, de-rated linearly to 0.1 W at 125° C, **250 W** peak (2 µsec pulse width, 0.02% duty cycle).

Temperature Range: -65°C to +125°C.

Temperature Coefficient: <0.0006 dB/dB/°C

Construction: Passivated stainless steel body and connectors, gold plated beryllium copper 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		
	DC - 26.5 GHz	26.5 - 40 GHz	40 - 50 GHz
3, 6, 10	0.50	1.00	1.50
20	0.80	1.25	2.00
30	1.00	1.50	2.00

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 26.5	1.35
26.5 - 40	1.60
40 - 50	1.75

Dimensions:

Body Diameter: 7.9 (0.31)
Weight: 4.5 (0.16)
Length: 20.6 (0.81)

Note: Dimensions are given in mm (in), or g (oz). Weight figure is nominal, with our standard connector configuration. Additional connector options may be available.