

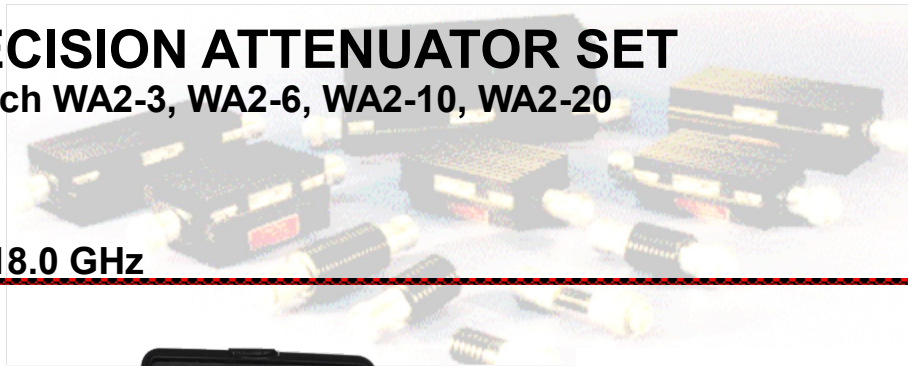
PRECISION ATTENUATOR SET

1 Each WA2-3, WA2-6, WA2-10, WA2-20

WAS6

DC – 18.0 GHz

5 WATTS



Features

The model WAS6 comes complete with Certificate of Calibration and hardwood protective case for storing your attenuators. The WAS6 consists of 4 calibrated model WA2 attenuators, 3, 6, 10, and 20 dB. The following data for each attenuator are provided.

3 DC resistance values and insertion loss every 1.0 GHz from DC through 18.0 GHz. (18 frequencies)

⊕ R.F Calibration Option -890 (42 frequencies) 100, 500, 1,000 and every 500 MHz to 16,000; 16,000 to 18,000 every 250 MHz.

These attenuators are designed to meet environmental tests of MIL-A-3933.

Type N 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.

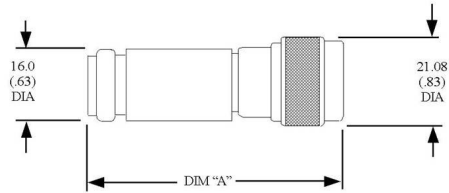
Frequency Range: DC - 18.0 GHz.

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

Power Rating: 5 W average. Maximum rated average power to 25°C ambient temperature, de-rated linearly to 0.5 W at 125°C. 1 kW peak (5 µsec pulse width; 0.25% duty cycle).

Temperature Range: -55°C to +125°C.

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



Maximum Deviation From Nominal Value (including frequency sensitivity):

Attenuation (dB)	Accuracy ± dB
	WA2
3, 6	0.3
10, 20	0.5

Maximum VSWR

Frequency (GHz)	VSWR
	WA2
DC - 4.0	1.15
4.0 - 8.0	1.20
8.0 - 12.4	1.25
12.4 - 18.0	1.40

Individual Dimensions:

Length (Dim "A"): 57.2 (2.25)
 Weight: 70 (2.6)
 Diameter: 16 (0.63)

Case Dimensions: 4 ¾ in. (120.6 mm) long x 4 ½ in. (114.3 mm) wide x 2 ¾ in. (44.5 mm) high.

Weight: Net 1 lb., 13 oz. (0.82 kg); Shipping weight, 3 lbs. (1.36 kg)

Construction: Passivated stainless steel body and connectors. Gold plated beryllium copper contacts. RoHS Compliant.

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.