

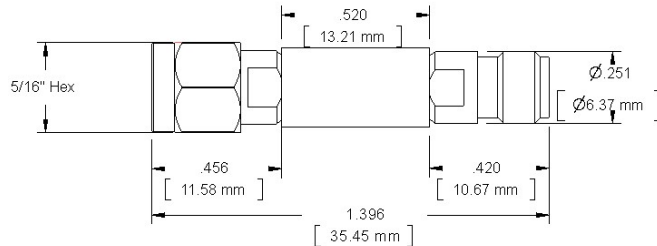
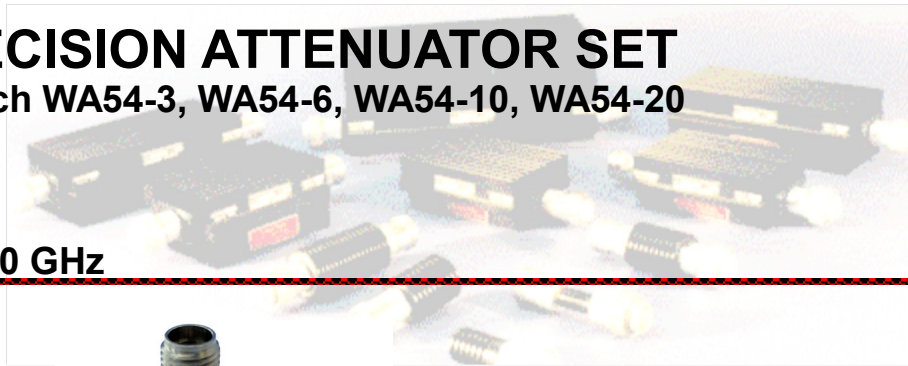
PRECISION ATTENUATOR SET

1 Each WA54-3, WA54-6, WA54-10, WA54-20

WAS20

DC - 40 GHz

2 WATTS



Features

The model WAS20 comes complete with Certificate of Calibration and hardwood protective case for storing your attenuators. The WAS20 consists of 4 calibrated model WA54 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 40.0 GHz.

✦ R.F Calibration Option -890: 100, 500, 1,000 and every 500 MHz to 26,500; 26,500 to 40,000 every 250 MHz.

Precision 2.92mm stainless steel M/F connectors per MIS-STD-348A, interface dimensions mate non-destructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 40 GHz.

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

Power Rating: **2W** average to 25°C ambient temperature, de-rated linearly to 0.1W at 100°C, **200 W** peak (5 µsec pulse width, 0.5% duty cycle).

Temperature Range: -55°C to +100°C.

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

Maximum Deviation From Nominal Value:

Attenuation (dB)	Accuracy ± dB
3, 6, 10, 20	1.0

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 26.5	1.25
26.5 - 40.0	1.45

Individual Dimensions:

Length:	35.5 (1.40)
Body Diameter:	6.4 (.25)
Weight:	.008 (.28)

Case Dimensions: 5 ½ in. (139.7 mm) long x 4 7/8 in. (123.8 mm) wide x 2 3/8 in. (60.3 mm) high.

Weight: Net 1 lb., 4 oz. (0.56 kg); Shipping weight, 2 lbs. 8 oz. (1.14 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.