

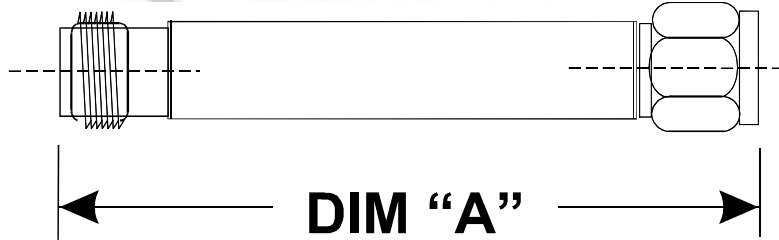
ATTENUATOR SET

MODEL WAS20

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

DC – 40.0 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.

Specifications

Nominal Impedance: 50 ohms

Frequency Range: DC to 40.0 GHz

Maximum Deviation From Nominal Value (including frequency sensitivity):

3 dB:	± 1.0 dB
6 dB:	± 1.0 dB
10 dB:	± 1.0 dB
20 dB:	± 1.0 dB

Maximum VSWR:

DC to 26.5 GHz	1.25
26.5 to 40.0 GHz	1.45

Power Rating: 2 watts average, 200W peak. (Maximum rated average power to 25°C ambient temperature, de-rated linearly to 0.1 watts at 100° C).

Power Coefficient: < 0.01 dB /dB/W

Temperature Coefficient: < 0.0004 dB/dB/°C

Temperature Range: -55°C to + 100°C

Case Dimensions: 5 1/2 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)

Connectors: 2.92mm connectors per MIL-STD-348A Interface dimension mate nondestructively with MIL-PRF-39012 connectors.

Construction: Stainless steel body with stainless steel connectors with gold plated beryllium copper female contact and stainless steel male contact.

Physical Dimensions:

Connector Option	Dim "A"
54-XX-12 (F/M)	36.07 (1.42)
54-XX-11 (F/F)	34.80 (1.37)
54-XX-22 (M/M)	37.34 (1.47)

Note: Dimensions are given in mm (inched). Dimensions are maximum unless otherwise specified.



WEINSCHTEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

WEB: <http://www.WeinschelAssociates.com>

EMAIL: sales@WeinschelAssociates.com