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Test & Measurement

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Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the "Click-to-Call" logo below, you can call us for FREE!

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Product Lifecycle Management System

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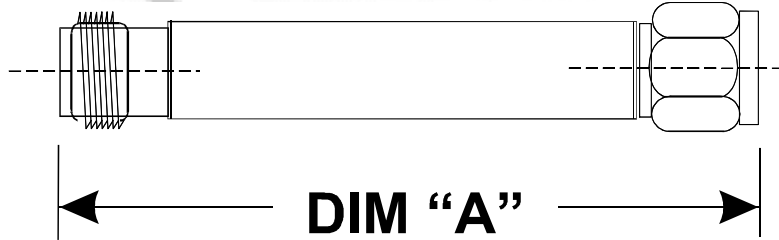
ATTENUATOR SET

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.



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