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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.

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Product Lifecycle Management System

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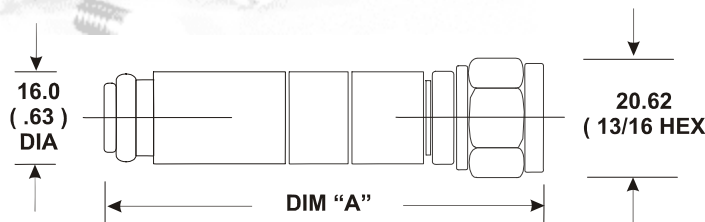


PRECISION ATTENUATOR SET MODEL WAS18

1 Each WA44-1, WA44-3, WA44-6, WA44-10, WA44-20, WA44-30

DC – 18.0 GHz

5 WATTS



Features

The model WAS18 comes complete with Certificate of Calibration and hardwood protective case for storing your attenuators. The WAS18 consists of 6 calibrated model WA44 attenuators, 1, 3, 6, 10, 20, and 30 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.

✦ 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.

Specifications

Nominal Impedance: 50 ohms

Frequency Range: DC to 18.0 GHz

Maximum Deviation From Nominal Value (including frequency sensitivity):

1 dB:	± 0.5 dB
3, 6 dB:	± 0.3 dB
10, 20 dB:	± 0.5 dB
30 dB:	± 1.00 dB

Maximum VSWR:

DC to 4.0 GHz	1.15
4.0 to 12.4 GHz	1.20
12.4 to 18 GHz	1.25

Power Rating: 5 watts average, 1kW peak. (Maximum rated average power to 25°C ambient temperature, de-rated linearly to: 4 watts at 45°C, 3 watts at 65°C, 2 watts at 85°C).

Power Coefficient: < 0.005 dB / dB x W

Temperature Coefficient: < 0.0004 dB / dB x °C

Temperature Range: -50°C to + 85°C

Case Dimensions: 10 ¾ in. (273 mm) long x 8 ½ in. (215.9 mm) wide x 2 ½ in. (63.5 mm) high.

Weight: Net 2 lb., 8 oz. (1.12 kg); Shipping weight, 3 lbs. (1.36 kg)

Connectors: Type N connectors, stainless steel, conform to MIL-PRF-39012 lab standard test connector interface.

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

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



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Specification
Subject to change
without notice