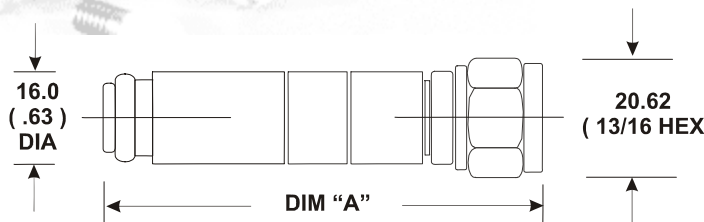


# PRECISION ATTENUATOR SET MODEL WAS18

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.



## WEINSCHEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

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

EMAIL: [sales@WeinschelAssociates.com](mailto:sales@WeinschelAssociates.com)

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Subject to change  
without notice