

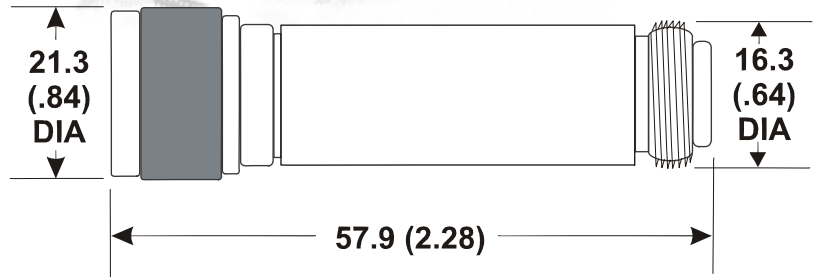
ATTENUATOR SET

MODEL WAS6

1 Each WA2-3, WA2-6, WA2-10, WA2-20

DC – 18.0 GHz

5 WATTS



Features

The model WAS6 comes complete with Certificate of Calibration and hardwood protective case for storing your attenuators. The WAS6 consists of 4 calibrated model WA2 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 18.0 GHz. (18 frequencies)

✪ 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.

These attenuators are designed to meet environmental tests of MIL-A-3933.

Specifications

Nominal Impedance: 50 ohms

Frequency Range: DC to 18 GHz

Maximum Deviation From Nominal Value (including frequency sensitivity):

3, 6 dB: ± 0.3 dB
10, 20 dB: ± 0.5 dB

Power Rating: 5 watts average, 1kW peak.
(Maximum rated average power to 25°C ambient temperature, de-rated linearly to 0 watts at 125°C).

Maximum VSWR:

DC to 4.0 GHz 1.15
4.0 to 8.0 GHz 1.20
8.0 to 12.4 GHz 1.25
12.4 to 18 GHz 1.40

Power Coefficient: < 0.005 dB / dB x W

Temperature Coefficient: < 0.0004 dB / dB x °C

Temperature Range: -55°C to + 125°C

Case Dimensions: 4 ¾ in. (120.6 mm) long x 4 ½ in. (114.3 mm) wide x 2 ¾ in. (44.5 mm) high.

Weight: Net 1 lb., 13 oz. (0.82 kg); Shipping weight, 3 lbs. (1.36 kg)

Connectors: Stainless steel Type N, male and female each attenuator. Connector mate nondestructively with Type N per MIL-C39012 and MIL-C-71.

Construction: Passivated stainless steel body and connectors. Beryllium copper female contacts, stainless steel male contacts.

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



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Specification
Subject to change
without notice