

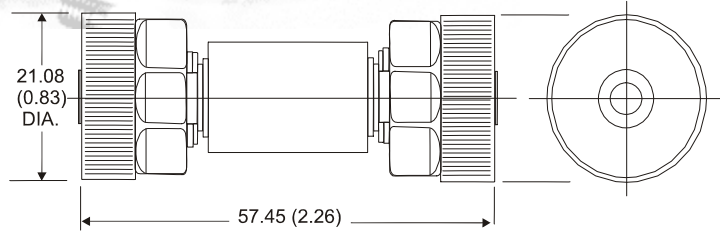
ATTENUATOR SET

MODEL WAS16

1 Each WA17-1, WA17-3, WA17-6, WA17-10, WA17-20, WA17-30

DC – 18.0 GHz

5 WATTS



Features

The model WAS16 comes complete with Certificate of Calibration booklet and hardwood protective case for storing your attenuators. The WAS16 consists of 6 calibrated model WA17 attenuators, 1, 3, 6, 10, 20, and 30 dB. The Following data for each attenuator are provided.

All units are swept test for insertion loss and VSWR. A calibration certificate with test results is provided with each attenuator, including frequency sensitivity.

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:	± 0.75 dB

Maximum VSWR:

DC to 4.0 GHz	1.10
4.0 to 12.4 GHz	1.15
12.4 to 18 GHz	1.20

Power Rating: 5 watts average, 1kW peak at 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 5/8 in. (269.9 mm) long x 8 in. (203.2 mm) wide x 2 3/8 in. (60.3 mm) high.

Weight: Net 3 lb., 13 oz. (1.73 kg); Shipping weight, 5 lbs. (2.56 kg)

Connectors: Precision 7mm sexless stainless steel connectors, meets or exceeds requirements of IEEE Standard 287 and mates with all connectors conforming to design 2 of that standard.

Coupling Torque: 14 ± 1 inch pounds

Construction: Brass body, plated, stainless steel and beryllium copper or silver alloy connectors.

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



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Specification
Subject to change
without notice