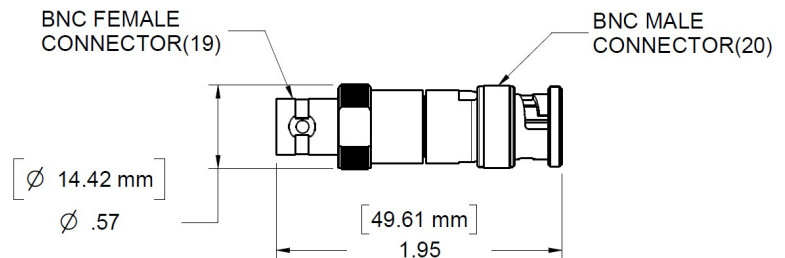


Fixed Coaxial Attenuator

WA18

DC - 6.0 GHz

2 WATTS



Features

BNC connectors mate non-destructively with MIL-PRF-39012. Broad frequency range, optimized for wireless applications.
Usable to 12 GHz.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 6.0 GHz
(Usable to 12.0 GHz)

Nominal dB Values: 0 - 30 dB

Power Coefficient: < 0.005 dB/dB/W;
Bidirectional in power.

Power Rating: 2 W average to 25°C ambient temperature, de-rated linearly to 0 W at 125°C, 1 kW peak (5 µsec pulse width, 0.1% duty cycle).

Temperature Range: -55°C to +125°C.

Temperature Coefficient: < 0.0004 dB/dB/°C.

Construction: Passivated stainless steel body with nickel plated brass connectors. Gold plated beryllium copper female and stainless steel male contacts. RoHs Compliant.

Calibration: Insertion Loss and VSWR performed across frequency range. Calibration test data available at additional cost.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
1 - 6	0.4
7 - 30	0.9

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 4.0	1.25
4.0 - 6.0	1.3

Dimensions:

Diameter: 14.2 (0.57)
Weight: 32.3 (1.14)
Length: 49.6 (1.95)

Note: Dimensions are given in mm (in), or g (oz). Weight figure is nominal, with our standard connector configuration. Additional connector options may be available.