

Fixed Coaxial Attenuator BNC Connectors

Model WA19/6

DC – 6.0 GHz

5 WATTS



Features

Available attenuation values from 1 - 30dB. BNC connectors mate nondestructively with MIL-PRF-39012 connectors. Optimized for broadband wireless applications.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 6.0 GHz

Nominal dB values: 1 - 30 dB.

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

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

Temperature Range: -55° C to +125° C.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
	WA19/6
1 – 6	0.4
7 – 30	0.9

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

Construction: Passivated stainless steel body with Nickel plated brass connectors. Gold plated beryllium female contact, stainless steel male contact.

Calibration: Insertion Loss and VSWR performed across frequency range.

Maximum VSWR:

Frequency (GHz)	VSWR
	WA19/6
DC - 4.0	1.25
4.0 - 6.0	1.30

Weight:

1-30 dB .10 kg/ 3.6 oz.

Note: Dimensions are given in mm (inches) and are maximum, unless otherwise specified.



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Specification
Subject to change
without notice