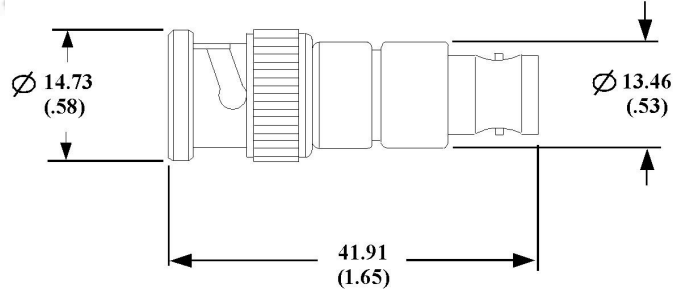


Fixed Coaxial Attenuator BNC Connectors

MODEL WA18/6

DC – 6.0 GHz

2 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: 2 watts average, 1kilowatt 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
	WA18/6
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 copper female contact, stainless steel male contact.

Calibration: Insertion Loss and VSWR performed across frequency range.

Maximum VSWR:

Frequency (GHz)	VSWR
	WA18/6
DC - 4.0	1.25
4.0 - 6.0	1.30

Weight (Both Models):

1-30 dB .10 kg/ 3.6 oz

Physical Dimensions:

Attenuation (dB)	Length
1 – 30	41.91(1.65)

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



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