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Test & Measurement

- > sales
- > rentals
- > calibration
- > repair
- > disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

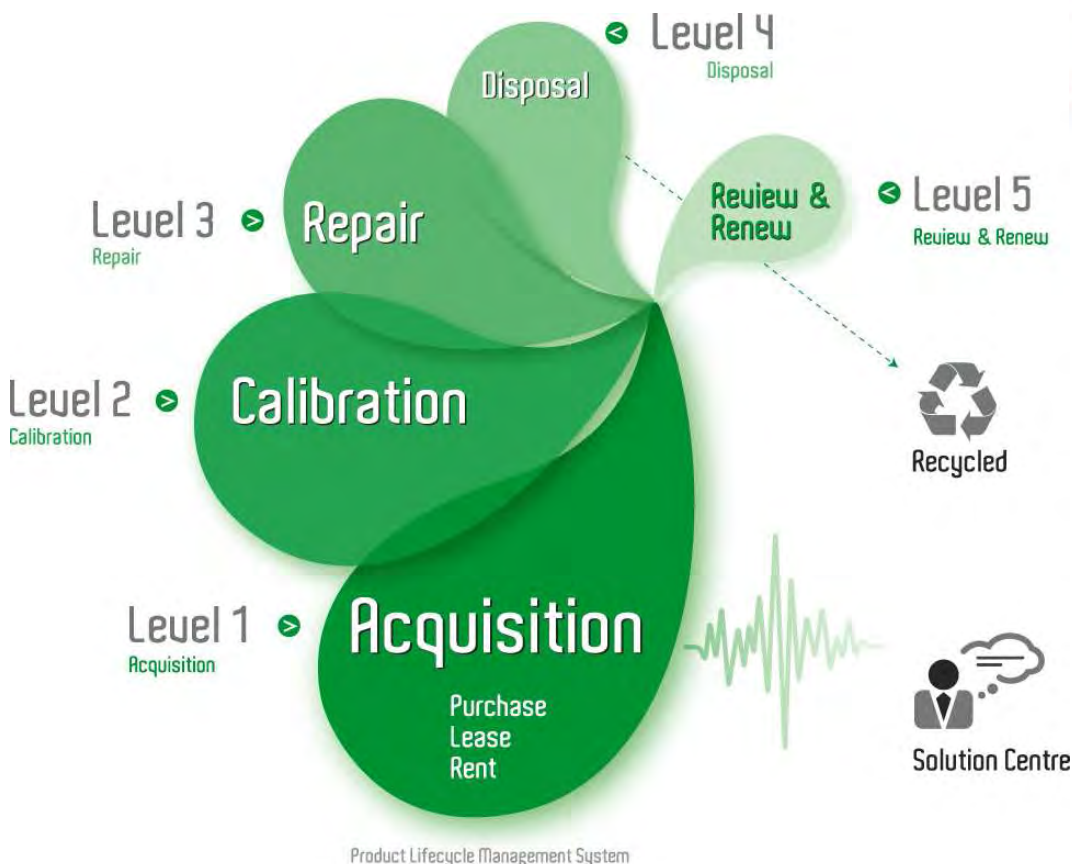
TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the "Click-to-Call" logo below, you can call us for FREE!

TMG Corporate Website

TMG Products Website



Disclaimer:

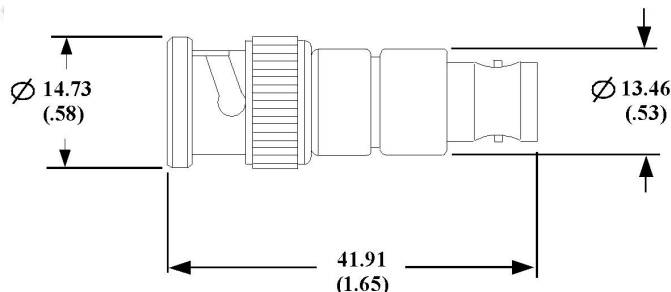
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Fixed Coaxial Attenuator BNC Connectors

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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Specification
Subject to change
without notice