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Test & Measurement

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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.

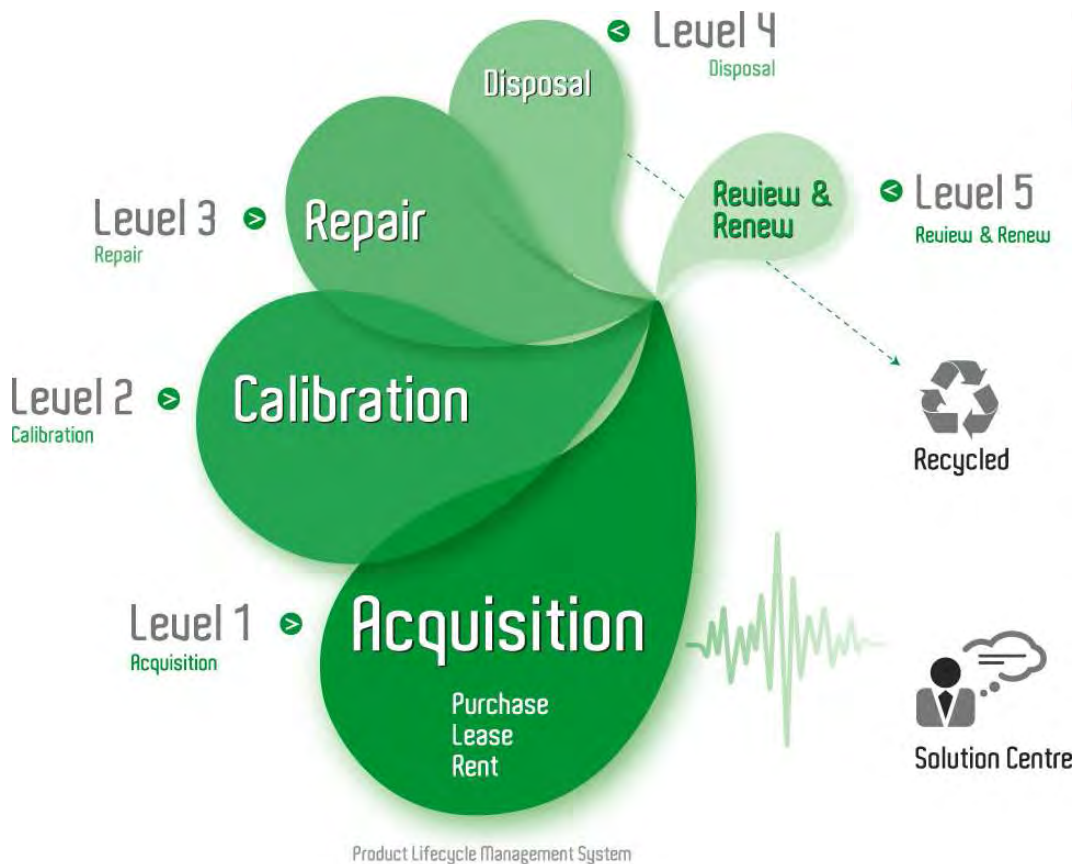
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Fixed Coaxial Attenuator 2.92 mm Connectors

MODEL WA54

DC – 40.0 GHz

2 WATTS



Features

Designed to meet MIL-DTL-3933 environmental specifications.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 40.0 GHz.

Nominal dB Values: 3 - 30 dB.

Power Sensitivity: < 0.01 dB/dB/W;
Bidirectional in power.

Power Rating: 2 watts average, 200 watts peak to 25°C ambient temperature, derated linearly to 0.1 watts at 100°C.

Connectors: Type 2.92 mm stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012 connectors. Designed to meet MIL-DTL-3933 environmental specifications.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB	
	DC - 26.5	26.5 - 40.0
3, 6	0.50	1.00
10, 20	1.00	1.00
30	2.00	2.00

Temperature Range: -55°C to +100°C.

Temperature Coefficient: < 0.001 dB/dB/°C

Construction: Passivated stainless steel body and connectors. Gold plated beryllium copper female contacts.

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

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 26.5	1.25
26.5 - 40.0	1.45

Physical Dimensions:

Connector Option	Dim "A"
54-XX-12 (F/M)	36.07 (1.42)
54-XX-11 (F/F)	34.80 (1.37)
54-XX-22 (M/M)	37.34 (1.47)

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



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