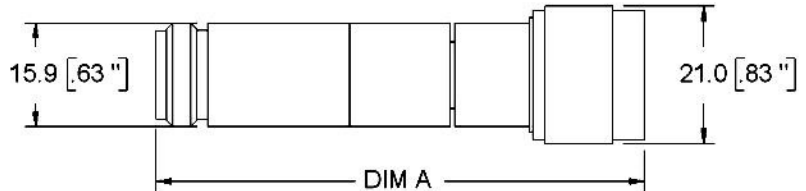


Fixed Coaxial Attenuator

MODEL WA50

DC – 3.0 GHz

2 WATTS



Specifications

Nominal Impedance: 50 ohms.

Frequency: DC to 3.0 GHz.

Standard Nominal Values and Deviations:

Standard Nominal Value (dB)	Deviation		
	From Nominal At DC (\pm dB)	From DC	
		2 GHz (\pm dB)	3 GHz (\pm dB)
1 thru 5	0.02	0.1	0.2
6 thru 10	0.05	0.1	0.2
20 thru 50	0.10	0.15	0.3

Temperature Range: -30°C to +70°C (no derating)

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

Accuracy of Calibration:

Frequency	VSWR	Insertion Loss	
		1-40 dB	50 dB
DC	1%	0.05 dB / 10 dB	0.02 dB
1 GHz	2%	dB or 0.1 dB / 10 dB, whichever is greater.	
2 & 3 GHz	4%		

Maximum VSWR:

DC: 50 \pm 1 ohms

1.0 GHz: 1.15

3.0 GHz: 1.20

Power Rating:

1 to 50 dB: 2 watts average, 1kW peak.

Physical Dimensions:

Attenuation (dB)	Dim "A" Max
1 – 30	76.2 (3.0)
31 – 50	88.9 (3.5)

Construction: Stainless steel barrels. Type N stainless steel male and female connectors to mate nondestructively with connectors per MIL-PRF-39012 and MIL-STD-348A.

Weight:

1 to 30 dB: Net 0.10 kg (3.6 oz.)

31 to 50 dB: Net 0.13 kg (4.5 oz.)

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



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