

WA90B FIXED ATTENUATOR

Fixed Attenuator, 50.0W, 18.0 GHz (bidirectional), Type N, TNC, or SMA, Mountable.



Designed to meet MIL-DTL-3933 environmental specifications. Compact construction to meet a wide range of design requirements.

Dimensions & Weight: 0.41 kg; Length: 87.00 mm; Width: 89.00 mm; Height: 58.50 mm

Connection & Mounting: Type N, SMA, or TNC connectors per MIL-STD-348A, interface dimensions mate non-destructively with MIL-PRF-39012.

Construction: Black finned aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper contact.

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

Power: Medium Power (20W - 100W)

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Average Power Description: Maximum rated average power to +25 C ambient temperature, derated linearly to 5 W at +125 C

Average Power: 50

Peak Power: 1 kW (5 microsecond PW, 2.5% Duty Cycle)

Power Sensitivity: <0.0006 dB/dB/W

Directionality: Bidirectional

Frequency Range: DC to 18 GHz

Attenuation Range: 3 to 40 dB

Attenuation Accuracy:

Attenuation	3, 6, 10 dB	20 dB	30, 40 dB
Accuracy (+/- dB)	0.50	0.75	1.00

Nominal Impedance: 50

Temperature Range: -55 C to +125 C

Temperature Coefficient: <0.0004 dB/dB/C

VSWR:

Frequency Range (GHz)	dc to 8.0	8.0 to 12.4	12.4 to 18.0
VSWR (max)	1.20	1.25	1.35