

Fixed Attenuator, 5 W, 6 GHz, TNC

Designed to meet MIL-DTL-3933 environmental specifications.

Dimensions & Weight: 0.03 kg; Length: 39.60 mm

Connection & Mounting: TNC stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate non-destructively with MIL-PRF-39012.

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

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

Power: Low Power (up to 10W)

Average Power Description: Maximum rated average power to 25°C ambient temperature, de-rated linearly to 0.5 W at 125°C.

Average Power: 5

Peak Power: 1 kW peak (5 µsec pulse width, 0.1% duty cycle)

Power Coefficient: <0.005 dB/dB/W

Directionality: Bidirectional

Frequency Range: dc to 6.0

Attenuation Range: 1 to 30

Attenuation Accuracy:

Attenuation Range	1 to 6 dB	7 to 20 dB	21 to 30 dB
Attenuation Accuracy (+/- dB)	0.30	0.40	0.80

Nominal Impedance: 50

Temperature Range: -55°C to +125°C

Temperature Coefficient: <0.0004 dB/dB/C

VSWR:

Frequency Range (GHz)	dc to 4.0	4.0 to 6.0
VSWR (max)	1.15	1.20