

KAT177562-XX

Fixed Attenuator, 2.0 Watt and 26.5GHz frequency with SMA connectors.



Designed to meet MIL-DTL-3933 environmental specifications. Usable to 30GHz.

Dimensions & Weight:

Attenuation (dB)	Length (mm)	Weight (gm)
1 to 12	22.5	4
13 to 20	24.5	4.5
21 to 30	27.0	5
31 to 60	35.0	6.5

Connection & Mounting: SMA 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 contacts.

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, derated linearly to 0.5 W at +125 C

Average Power: 2

Peak Power: 500 W (5 microsecond PW, 0.2% Duty Cycle)

Power Sensitivity: <0.005 dB/dB/W

Directionality: Bidirectional

Frequency Range: DC to 26.5 GHz

Attenuation Range: 0 to 60 dB

Attenuation Accuracy:

Attenuation (dB)	3	6	10	20, 30	40, 50, 60
Attenuation Accuracy (+/- dB)	0.50	0.60	0.80	1.00	2.00

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 8.0	8.0 to 12.4	12.4 to 18.0	18.0 to 26.5
VSWR (max)	1.15	1.20	1.25	1.35	1.50