

PART NUMBER

KAT178335-1

REV.

INITIAL

ELECTRICAL

FREQUENCY RANGE _____ DC- 18GHz

ATTENUATION ACCURACY ACROSS FREQ. RANGE

01-06 dB _____ ±0.30 dB

07-10 dB _____ ±0.50 dB

11-20 dB _____ ±0.75 dB

21-30 dB _____ ±1.00 dB

VSWR

DC - 4 GHz _____ 1.15:1 MAX

6 - 12.4 GHz _____ 1.25:1 MAX

12.4 - 18 GHz _____ 1.35:1 MAX

INPUT POWER _____ 2 WATTS AVG. @ 25°C

DERATES LINEARLY TO 10 % @ 125°C FROM 25°C

RF LEAKAGE/RFI _____ >65 dBc (>90 dBc TYP.)

PEAK POWER _____ 500 WATTS

(5mSec PULSE WIDTH, .25 % DUTY CYCLE)

IMPEDANCE _____ 50 OHMS

OPERATING TEMP RANGE _____ -65°C TO +125°C

Temperature Coefficient of Attenuation (dB/dB/C) _____ .001 (Typ. Class III <.0004)

Power Coefficient of Attenuation (dB/dB/Watt) _____ .005 (Typ. Class III <.001)

(Above coefficients correspond with a Class IV device per MIL-DTL-3933)

CONFORMANCE TESTING IS 100 % ATTENUATION AND V.S.W.R.
ACROSS SWEPT FREQUENCY RANGE of >20°C & <30°C

PART ORDERING INFORMATION: TYPE N MALE TO FEMALE (MALE TO MALE & FEMALE TO FEMALE AVAIL.)

"-DB": SIGNIFIES NOMINAL DB VALUE OF UNIT IN 1 dB INCREMENTS

-03 = 3.0 dB Nominal .75" Long -20 = 20.0 dB Nominal .86" Long

For 1/2 dB units use 50 thru 59 for 0.5 dB thru 9.5 dB

-50 = 0.5 dB Nominal .75" Long -57 = 7.5 dB Nominal .75" Long

MECHANICAL

CONNECTOR BODIES _____ PASSIVATED STAINLESS STEEL

CENTER CONDUCTORS _____ GOLD PLATED BERYLLIUM COPPER

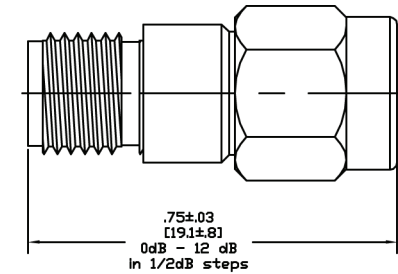
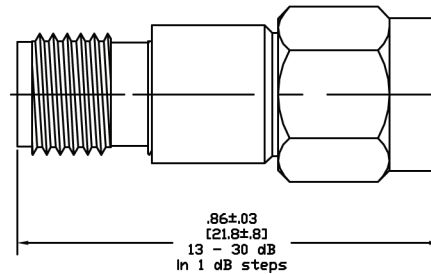
INSULATORS _____ PTFE (TEFLON) IAW ASTM-D1710

RESISTIVE ELEMENT _____ THIN FILM ON CERAMIC RESISTIVE CIRCUIT

NOT A HERMETIC SEALED UNIT

RoHS Compliant Device

MATERIALS, ENVIRONMENTAL PERFORMANCE & FINISHES COMPLY TO MIL-DTL-3933

**Konnect RF**540 NW University Blvd. Ste. 109
Port Saint Lucie, Florida, 34986
1-800-790-5887

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KAT178335-1

DESCRIPTION

**ULTRA MINI SMA ATTENUATOR
2Watt, 18GHz**

CAGE CODE

664U0

SIGNATURE

X

NOTES

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DESIGNS IS THE PROPERTY OF
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