

PART NUMBER

KAT178335-XX

REV.

DATE

COMMENTS

INITIAL

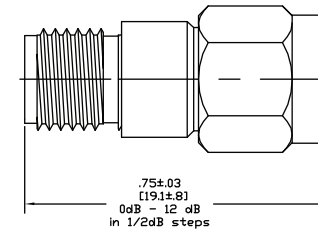
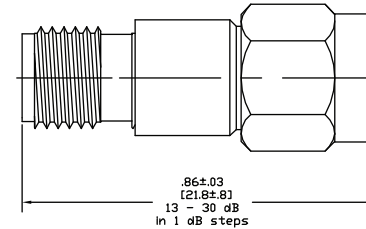
Electrical Data

Impedance	50 Ω
Frequency Range	DC - 18 GHz.
Attenuation Accuracy Across Freq. Range	01-06 dB \pm 0.30 dB 07-10 dB \pm 0.50 dB 11-20 dB \pm 0.75 dB 21-30 dB \pm 1.00 dB
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)	
VSWR	DC-4 GHz @ 1.15 Max 6-12.4 GHz @ 1.25 Max 12.4-18 GHz @ 1.35 Max
Temperature Coefficient of Attenuation (dB/dB/°C)	0.001 (Typ. Class III<0.0004)
Power Coefficient of Attenuation (dB/dB/Watt)	0.005 (Typ. ClassIII <0.001)
(Above coefficient correspond with class IV device per MIL-DTL-3933)	

Conformation Testing is 100% Attenuation and VSWR
Across Swept Freq. Range of >20°C & <30°C

Mechanical Data

Temperature Range: -65 °C - 125 °C

RoHS Compliant

Drawing not to scale. Dimensions for reference only

Units: inches (mm)

Konnect RF

WWW.KONNECTRF.COM
1-800-790-5887

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DESCRIPTION

Fixed Attenuator, SMA Male/Female, Short Body

CAGE CODE

664U0

SIGNATURE

X

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DESIGNS IS THE PROPERTY OF
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BE USED FOR ANY PURPOSE
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*Substitute Attenuation Value for XX

Component

Body
Center Contact
Resistive Element
Insulator

*Not a Hermetic Sealed Unit

Material

Stainless Steel
BeCu
Thin Film on Ceramic Resistive Circuit
PTFE IAW ASTM-D1710

Plating/Finish

Passivated
Gold