

PART NUMBER

KAT177649-XX

REV.

DATE

COMMENTS

INITIAL

Electrical Data

Impedance 50 Ω
 Frequency Range DC - 18 GHz.
 Nominal Attenuation Values 1-60 dB
 Power Sensitivity <0.005 dB/dB/W
 Bidirectional in Power
 Temperature Rating 2 Watts Average to 25°C ambient
 temperature, de-rated linearly to 1.25 watts
 at 75°C & 0.5W at 125°C, 500 watts peak
 (5 Microsecond pulse width, .2% duty cycle)
 VSWR 1.15 @ DC-4 GHz
 1.20 @ 4-8 GHz
 1.25 @ 8-12.4 GHz
 1.35 @ 12.4-18 GHz

RoHS Compliant

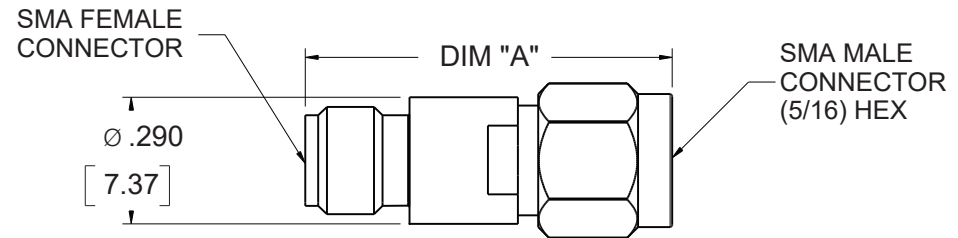
Mechanical Data

Temperature Range: -55 °C - 125 °C
 Temperature Coefficient <0.0004 dB/dB/°C

Standard Nominal Values and Deviation:

| Attenuation (dB) | Accuracy+/-dB |
|------------------|---------------|
| 1 - 12 | 0.5 |
| 20 | 0.7 |
| 30, 40 | 1.0 |
| 50, 60 | 1.50 |

**Per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet MIL-3933 environmental specification.



| Attenuation (dB) | Dimension "A" |
|------------------|---------------|
| 0 - 12 | 0.88[22.5] |
| 13 - 20 | 0.96[24.5] |
| 21 - 30 | 1.06[27.0] |
| 31 - 60 | 1.38[35.0] |

Drawing not to scale. Dimensions for reference only

Units: inches (mm)

Konnect RF

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

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KAT177649-XX

DESCRIPTION

Fixed Attenuator, SMA Male/Female

CAGE CODE

664U0

SIGNATURE

X

Substitute Attenuation Value in dB For XX

Component

Connector Body
 Center Contact

Material

Stainless Steel
 BeCu

Plating/Finish

Passivated
 Gold

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