

PART NUMBER

KAT177163-XX

REV.

DATE

COMMENTS

INITIAL

Electrical Data

Impedance 50 Ω
 Frequency Range DC - 12.4 GHz.
 VSWR 1.25 MAX
 Power Rating 2 Watts @25°C derated linearly to 0 watts @ 125°C
 Peak Power 0.1kW (5 μ s pulse width, 1% duty cycle)

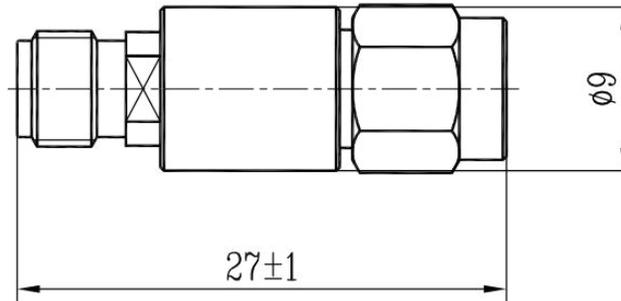
Attenuation Range 1-6dB 7-10dB 11-20dB 21-30dB
 Deviation \pm 0.4dB \pm 0.5dB \pm 0.6dB \pm 0.9dB

V.S.W.R 1.25 maximum

Mechanical Data

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

RoHS Compliant

**Drawing not to scale. Dimensions for reference only****Units: mm**

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

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DESCRIPTION

**Fixed Attenuator, SMA Male/Female,
Bi-Directional**

CAGE CODE

664U0

SIGNATURE

X

XX=dB Value

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 DESIGNS IS THE PROPERTY OF
 KONNECT RF AND IS NOT TO
 BE USED FOR ANY PURPOSE
 WITHOUT OUR APPROVAL.

Component

Housing

Connector

Male Contact

Female Contact

Conductor Conductor D.Au 0.3 (plating of center contact is 0.3 μ m by
 default, 0.8 μ m & 1.27 μ m are available)

Material

Stainless Steel

Stainless Steel

Brass

Beryllium Brass

Plating

Passivated

Passivated

Gold

Gold