

PART NUMBER

**KAT178205-XX**

REV.

DATE

COMMENTS

INITIAL

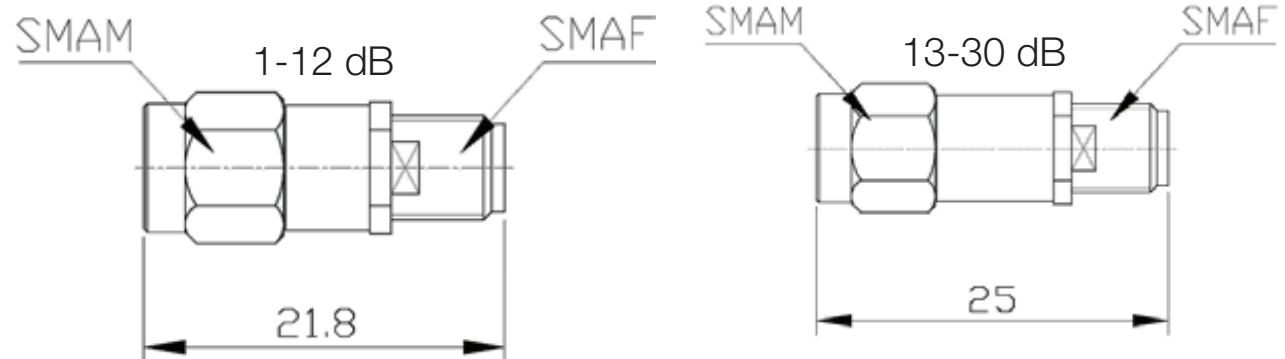
**Electrical Data**

Impedance	50 $\Omega$
Frequency Range	DC - 18 GHz.
Average Power	2W average to 25°C ambient temperature, derated linearly to 0.5W @ 125°C.
Peak Power	0.5KW (5 $\mu$ s pulse width with 0.4% duty cycle)
Attenuation Value	Attenuation Accuracy
1-9 dB	-0.5 / +1.0 dB
10 dB	$\pm$ 0.8 dB
12 dB	$\pm$ 0.8 dB
15, 20, 30 dB	$\pm$ 0.8 dB
VSWR	1.30

**Mechanical Data**

Temperature Range: -55 °C - 125 °C

RoHS Compliant



Drawing not to scale. Dimensions for reference only

Units: inches (mm)

Dimensions Tolerance:  $\pm$ 10 %**Konnect RF**

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

PART NUMBER

**KAT178205-XX**

DESCRIPTION

**Fixed Attenuator, SMA Male/Female, Hex Body**

CAGE CODE

**664U0**

SIGNATURE

X

**Component**

Body  
Male Contact  
Female Contact

**Material**

Stainless Steel  
Brass  
BeCu

**Plating**

Gold  
Gold

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