

PART NUMBER

**KAD177127**

REV.

DATE

COMMENTS

INITIAL

RoHS Compliant

**Electrical Data**

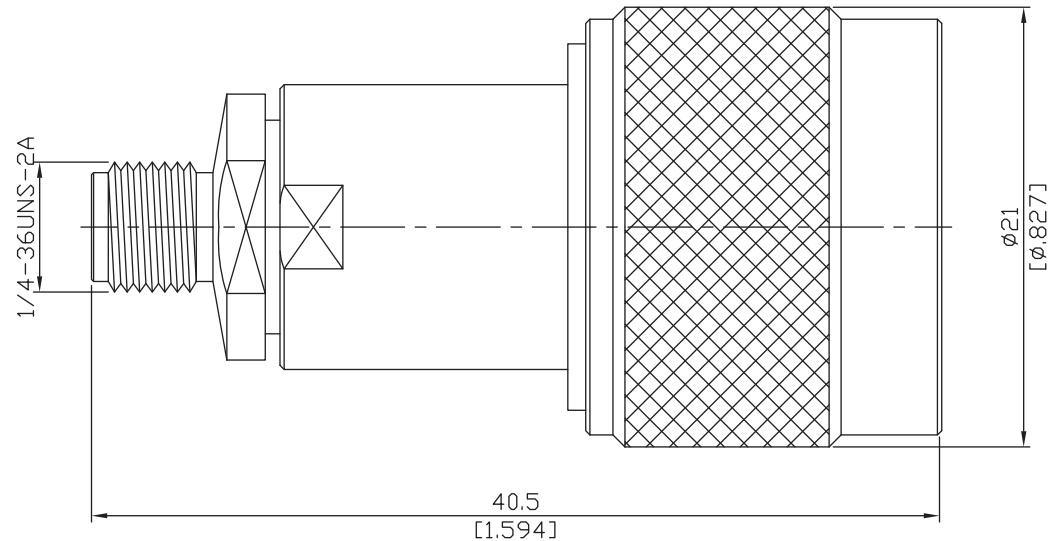
Impedance	50 $\Omega$
Frequency Range	DC - 18 GHz
Insertion Loss	$\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB
Working Voltage	500 VRMS
Insulation Resistance	$\geq 5000$ M $\Omega$
Dielectric Withstanding Voltage	1500 VRMS
VSWR	$\leq 1.15$ (DC - 18 GHz)

**Mechanical Data**

Durability	$\geq 500$ Matings
Recommended Coupling Nut Torque	6 to 10 in-lbs (SMA) 7 to 9.5 in-lbs (N)
Coupling Proof Torque	15 in-lbs
Coupling Nut Retention Force	$\geq 101.2$ (N) NA (SMA)
Contact Captivation-axial	$\geq 6.3$ lbs (N) $\geq 6.1$ lbs (SMA)
Temperature Range	-55 $^{\circ}\text{C}$ - 105 $^{\circ}\text{C}$

**Standards**

Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 206
Corrosion	MIL-STD-202, Method 101, Condition B

**Drawing not to scale. Dimensions for reference only****Units: mm (inches)****Konnect RF**

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

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DESCRIPTION

**Adapter, Between Series, Straight SMA  
Female Jack to N Male Plug**

CAGE CODE

**664U0**

SIGNATURE

X

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WITHOUT OUR APPROVAL.

**Component**

Body  
Center Contact

**Material**

Stainless Steel  
BeCu

**Plating/Finish (Micro-Inch)**

Passivated  
Gold 4 Over Nickel-Phosphorous  
Alloy 80 Over Copper 20

Insulator  
Gasket  
Retainer Ring

Teflon  
Silicone

Tin-Zinc-Copper-Alloy  
100 Over Copper 50

Coupling Nut

Stainless Steel

Passivated