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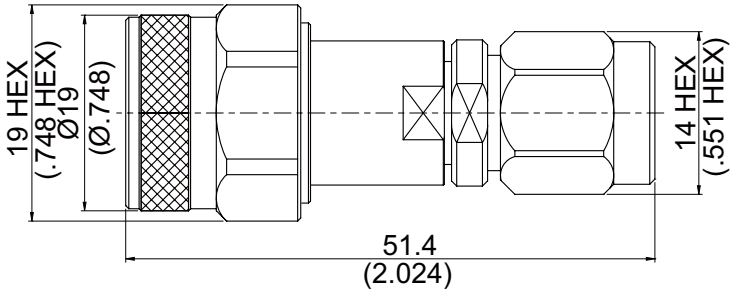
AD-N3T3-18	**N Plug To TNC Plug** **18GHz VSWR 1.2**	**50Ω**



Parts	Material	Plating (Micro-inch)
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight:

This part number complies with RoHS.

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AD-N3T3-18	**N Plug To TNC Plug 18GHz VSWR 1.2**

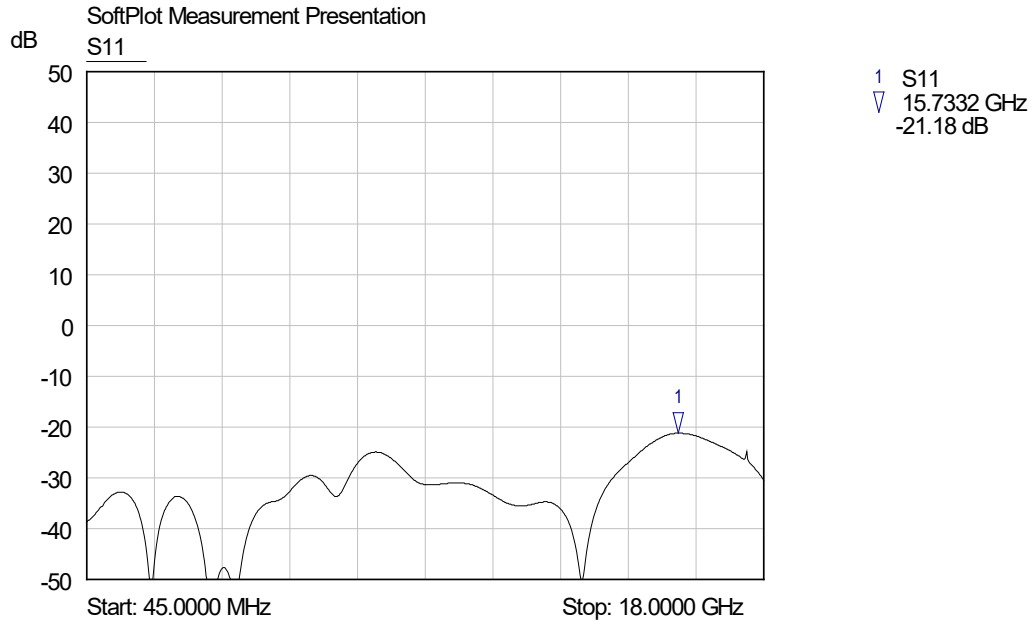
Interface	N	TNC
Standard	MIL-STD-348B	MIL-STD-348B

Electrical Data	
Impedance	50Ω
Frequency Range	DC To 18GHz
VSWR	≦1.2 (DC To 18GHz)
Insertion Loss	≦0.05 x $\sqrt{}$f(GHz) dB
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	1500 V rms
Working Voltage (at sea level)	500 V rms

Mechanical Data	N	TNC
Recommended Coupling Nut Torque	6 to 10 in-lbs	4.1 to 6.1 in-lbs
Coupling Proof Torque	15 in-lbs	15 in-lbs
Coupling Nut Retention Force	≧101.2 lbs	≧101.2 lbs
Contact Captivation-axial	≧6.3 lbs	≧6.1 lbs
Durability (mating)	≧500	≧500

Environmental Data	
Temperature Range	-65°C to +165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 206
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant

AD-N3T3-18


SoftPlot Measurement Presentation
dB
S11
50
40
30
20
10
0
-10
-20
-30
-40
-50
1
Start: 45.0000 MHz
Stop: 18.0000 GHz
1 S11
15.7332 GHz
-21.18 dB