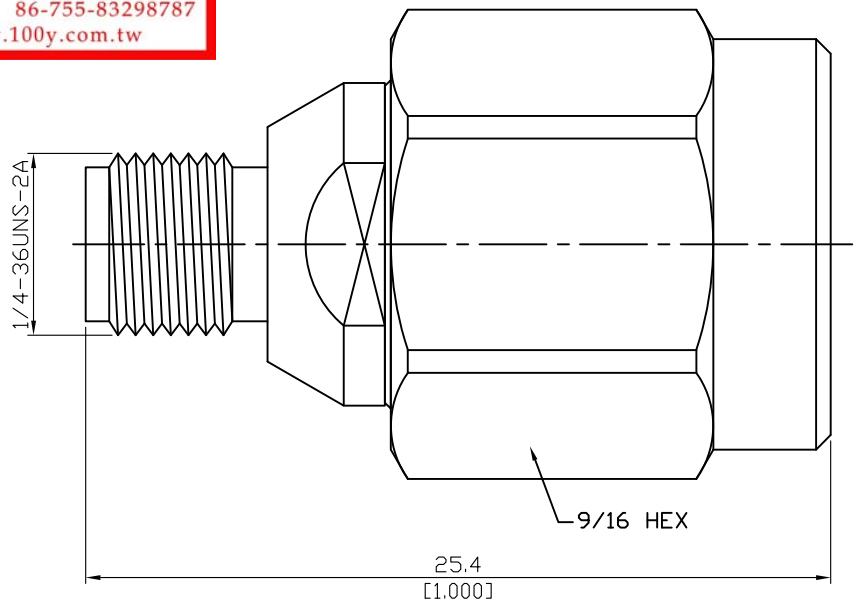
ADS-A8T3-18-1.15	SMA Jack To TNC Plug 18GHz VSWR 1.15	50Ω



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

ADS-A8T3-18-1.15	SMA Jack To TNC Plug 18GHz VSWR 1.15

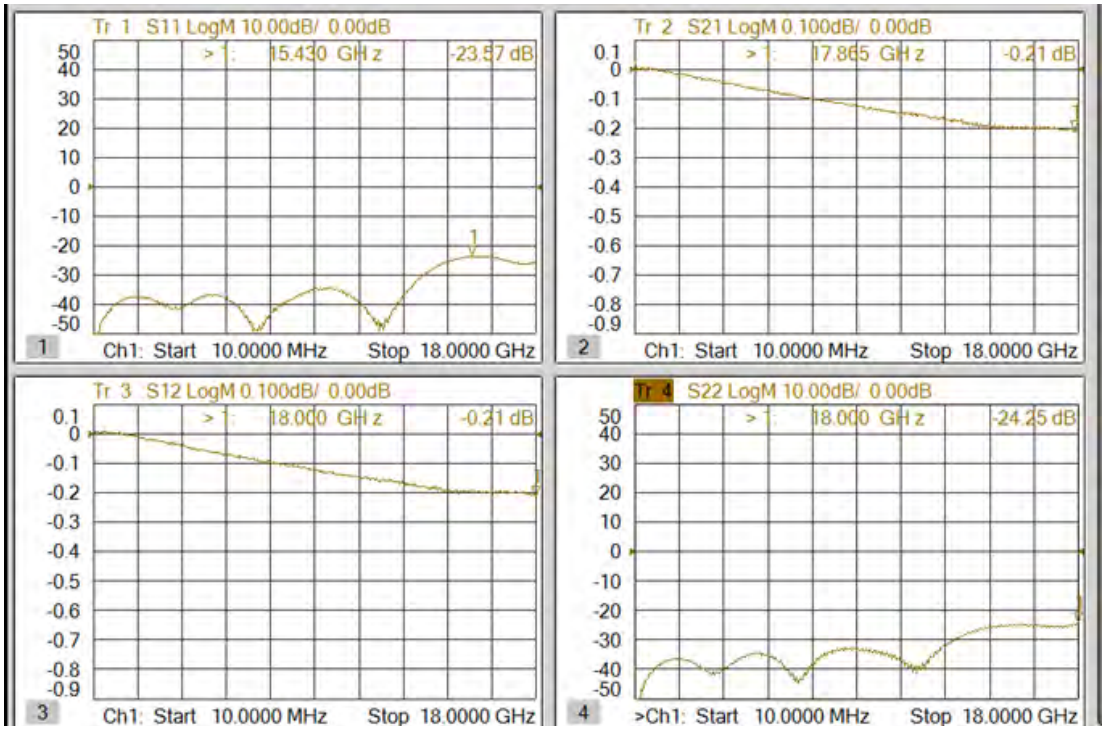
Interface	SMA	TNC
Standard	MIL-STD-348B	MIL-STD-348B
Mechanically compatible with	2.92 & 3.5	

Electrical Data	
Impedance	50Ω
Frequency Range	DC To 18GHz
VSWR	≦1.15 (DC To 18GHz)
Insertion Loss	≦0.05 x √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	SMA	TNC
Recommended Coupling Nut Torque	7 to 9.5 in-lbs	4.1 to 6.1 in-lbs
Coupling Proof Torque	15 in-lbs	15 in-lbs
Coupling Nut Retention Force	NA	≧101.2 lbs
Contact Captivation-axial	≧6.1 lbs	≧6.1 lbs
Durability (mating)	≧500	≧500

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

ADS-A8T3-18-1.15



Note: S11/S12/S21/S22 plots shown represent IL and VSWR of two adaptors tested. To extract IL of a single adaptor divide IL measured by two.