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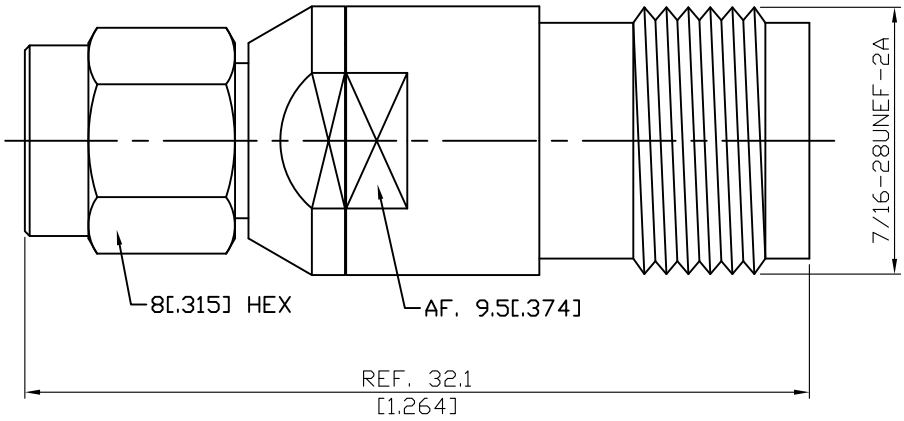
ADS-PC3T8-18-1.2	3.5mm Plug To TNC Jack 18GHz VSWR 1.2	50Ω



Parts	Material	Plating (Micro-inch)
Coupling Nut	Stainless Steel	Passivated
Body	Stainless Steel	Passivated
Insulator (TNC)	Teflon	
Insulator (3.5)	PPO	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicone	
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50

This part number complies with RoHS.

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ADS-PC3T8-18-1.2	3.5mm Plug To TNC Jack 18GHz VSWR 1.2

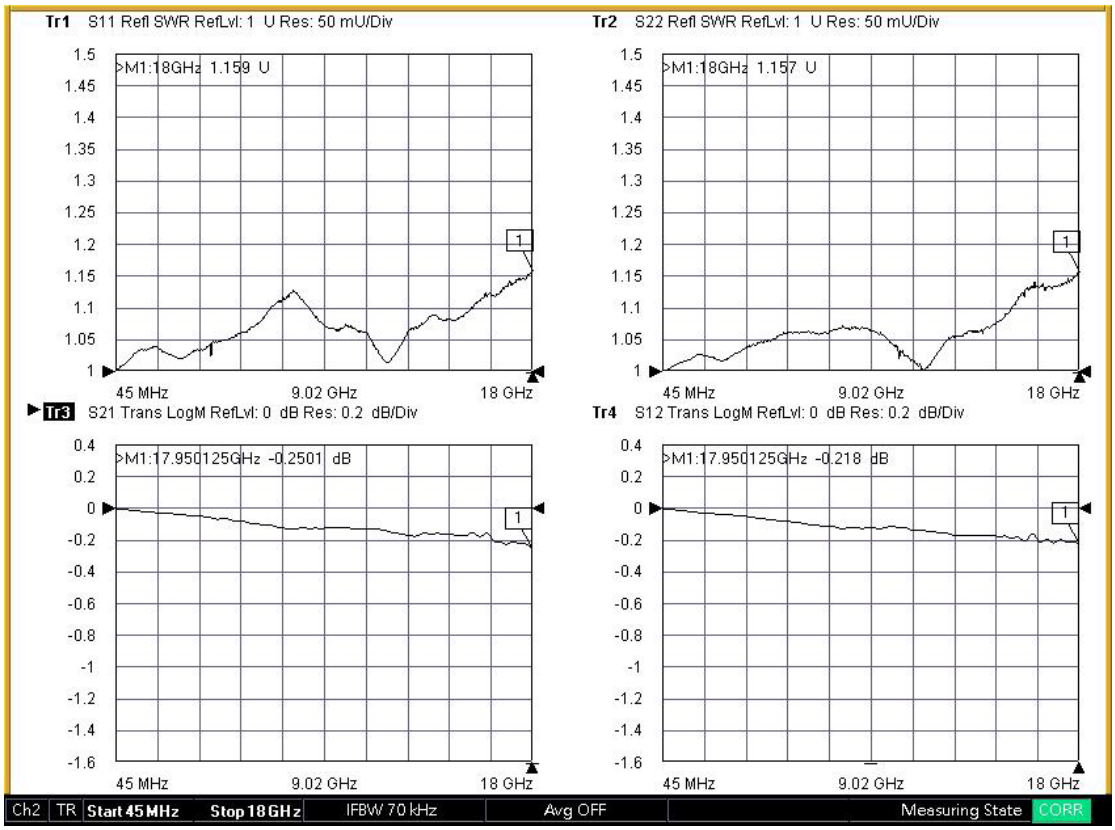
Interface	3.5	TNC
Standard	IEC60169-23	MIL-STD-348B
Mechanically compatible with	2.92 & SMA	

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)	1000 V rms
Working Voltage (at sea level)	335 V rms

Mechanical Data	3.5	TNC
Recommended Coupling Nut Torque	7.1 to 9.7 in-lbs	4.1 to 6.1 in-lbs
Coupling Proof Torque	15 in-lbs	15 in-lbs
Coupling Nut Retention Force	≧60.7 lbs	NA
Contact Captivation-axial	≧6.1 lbs	≧6.1 lbs
Durability (mating)	≧500	≧500

Environmental Data	
Temperature Range	-55°C to +105°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

ADS-PC3T8-18-1.2



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.