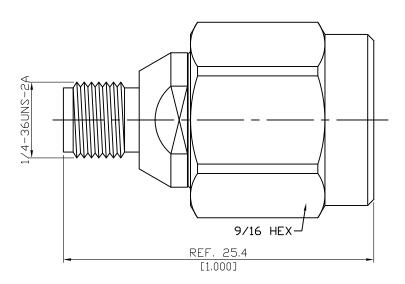


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ADS-PC8T3-18-1.2 3.5mm Jack To TNC Plug 18GHz VSWR 1.2 50Ω



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	
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Gasket	Silicone		

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.



ADS-PC8T3-18-1.2	3.5mm Jack To TNC 18GHz VSWR 1	•
Interface	3.5	TNC
Standard	IEC60169-23	MIL-STD-348B
Mechanically compatible wit	2.92 & SMA	

Electrical Data

Impedance 50Ω

Frequency Range DC To 18GHz

VSWR \leq 1.2 (DC To 18GHz) Insertion Loss \leq 0.05 x \sqrt{f} (GHz) dB

Insulation Resistance $\ge 5000 \text{M}\Omega$ 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	NA	≥101.2 lbs
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

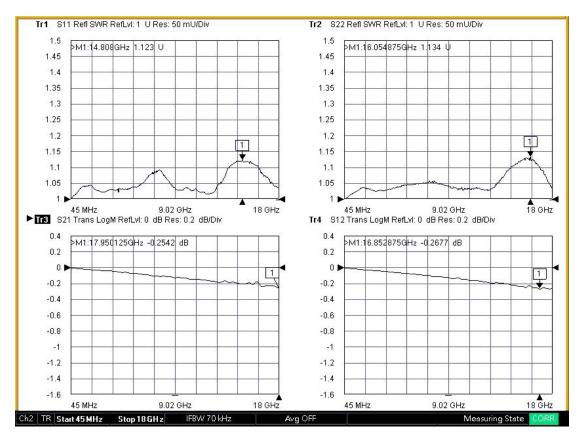
Moisture Resistance MIL-STD-202, Method 206

Corrosion MIL-STD-202, Method 101, Condition B

RoHS Compliant

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ADS-PC8T3-18-1.2



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.