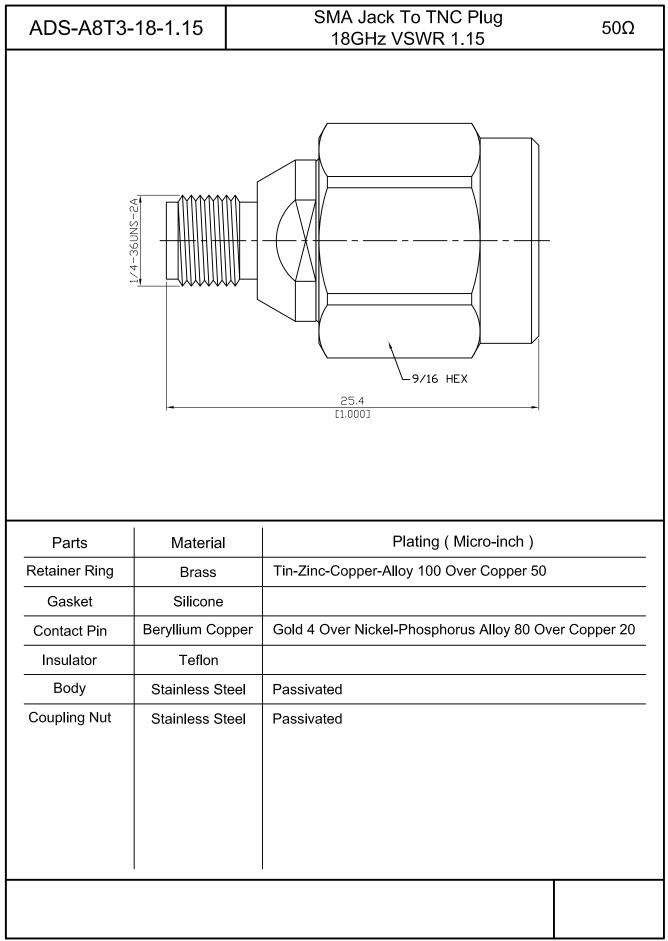


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This part number complies with RoHS.

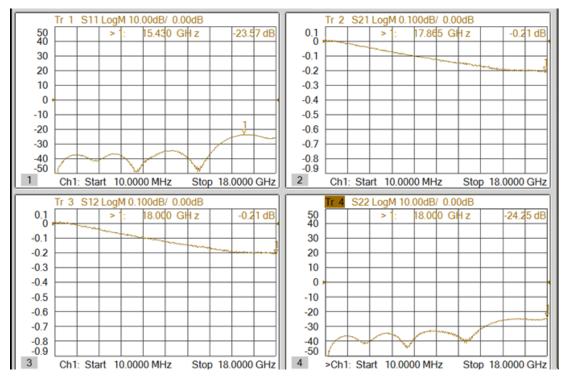
Notice: JYEBAO reserves the right to make modifications deemed appropriate.



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	$\leq$ 1.15 (DC To 18GHz)	
Insertion Loss	≦0.05 x √f(GHz) dB	
Insulation Resistance	$\geq$ 5000M $\Omega$	
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	$\geq$ 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	

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

## 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.