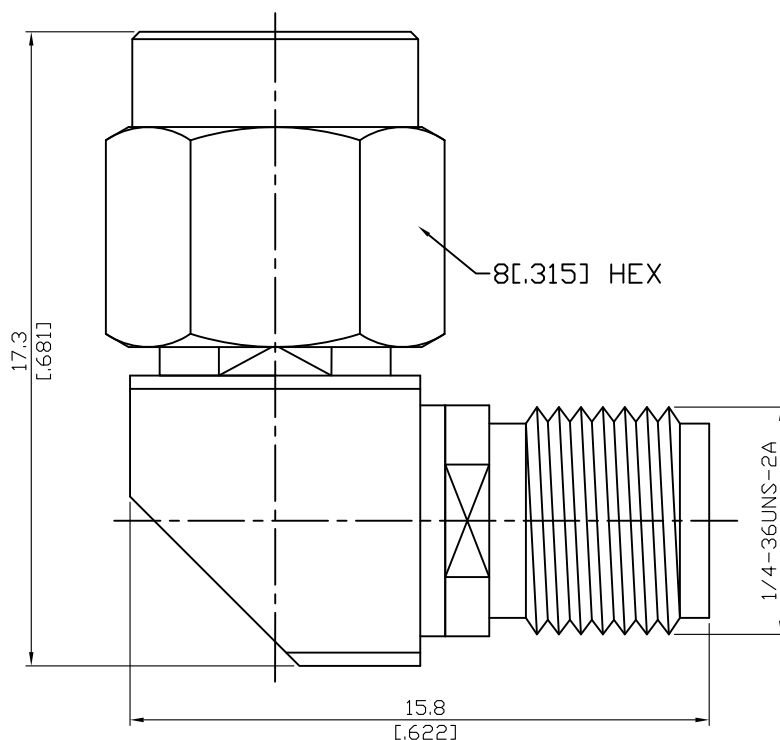


ALS-A3A8-18-1.15

Mitered SMA Plug To SMA Jack
18GHz VSWR 1.15

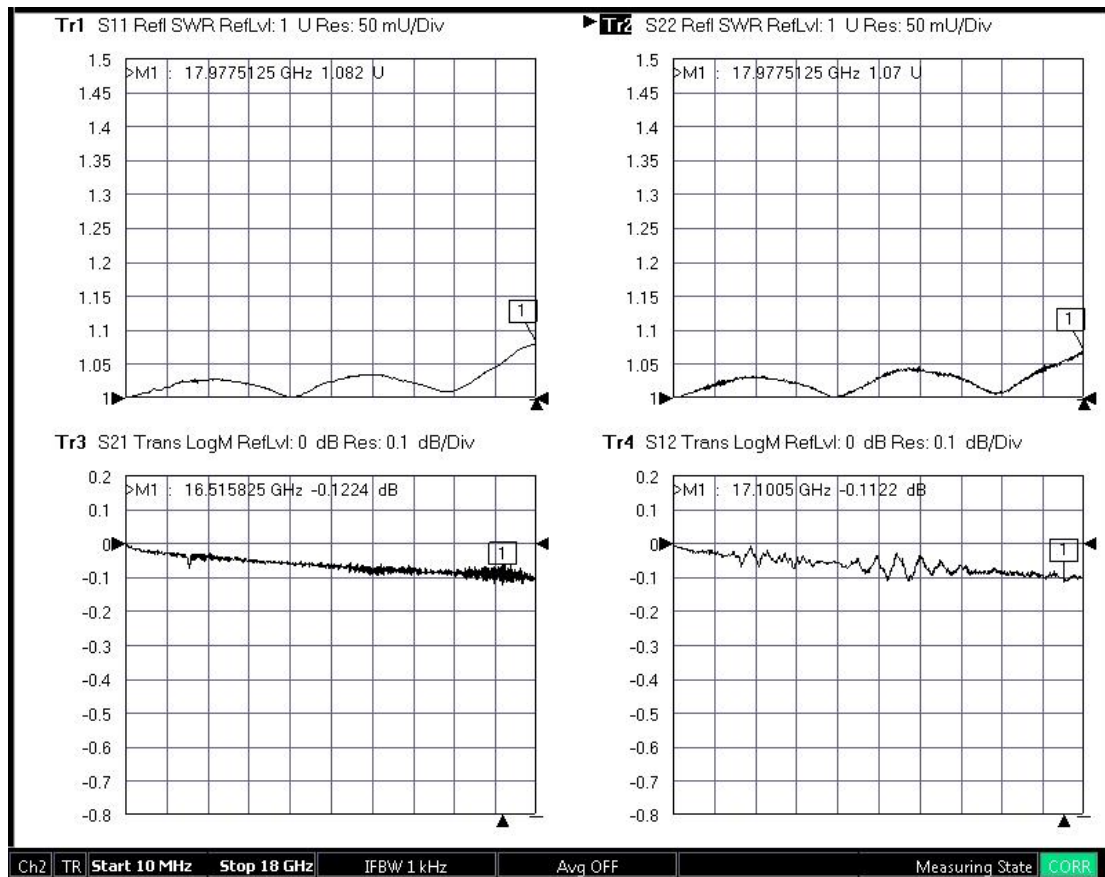
50Ω



Parts	Material	Plating (Micro-inch)
Retainer Ring	Beryllium Copper	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

ALS-A3A8-18-1.15	Mitered SMA Plug To SMA Jack 18GHz VSWR 1.15
Interface Standard 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 ≤ 0.06 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 Recommended Coupling Nut Torque 7 to 9.5 in-lbs Coupling Proof Torque 15 in-lbs Coupling Nut Retention Force ≥ 60.7 lbs Contact Captivation-axial ≥ 6.1 lbs Durability (mating) ≥ 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	

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