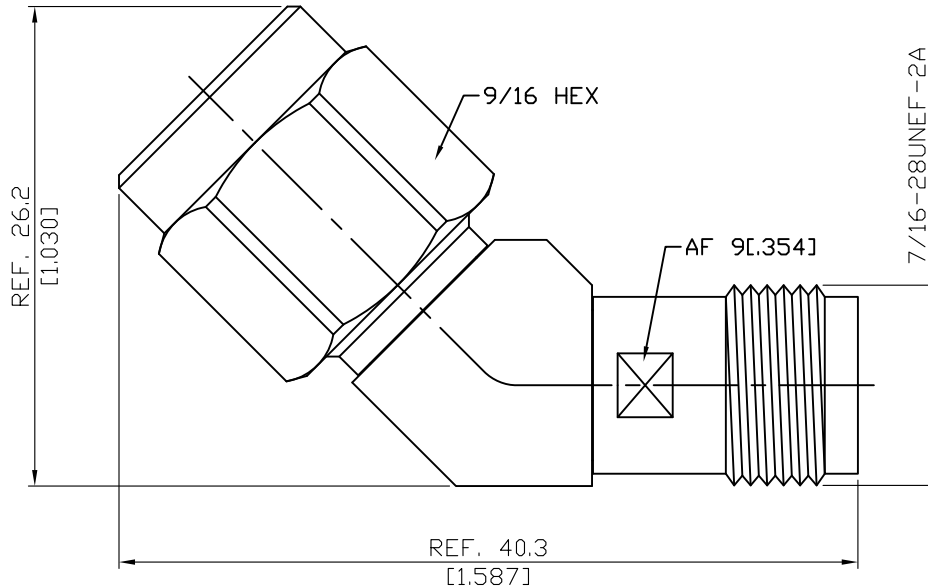


AD45S-T3T8-18-1.2

45° Angle TNC Plug To TNC Jack
18GHz VSWR 1.2

50Ω



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

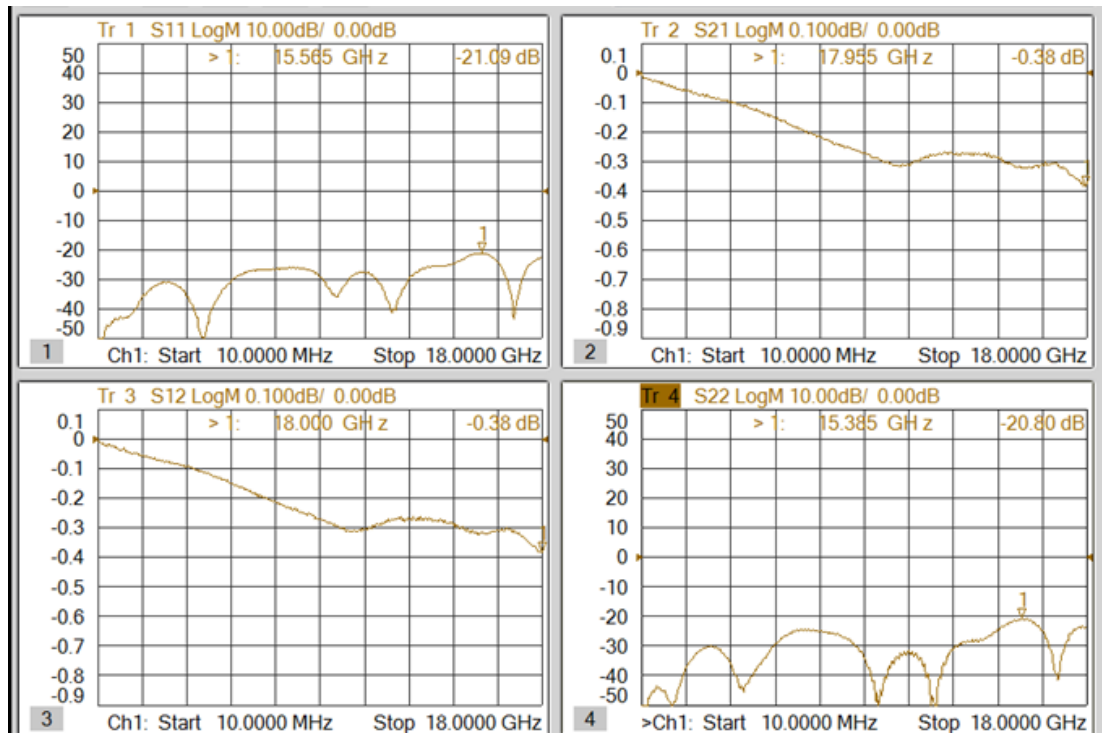
This part number complies with RoHS.

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

| AD45S-T3T8-18-1.2 | 45° Angle TNC Plug To TNC Jack 18GHz VSWR 1.2 |
|--|--|
| Interface Standard MIL-STD-348B | |
| Electrical Data Impedance 50Ω Frequency Range DC to 18GHz VSWR ≤ 1.2 (DC To 18GHz) Insertion Loss $\leq 0.06 \times \sqrt{f(\text{GHz})}$ dB Insulation Resistance $\geq 5000\text{M}\Omega$ Dielectric Withstanding Voltage (at sea level) 1500 V rms Working Voltage (at sea level) 500 V rms | |
| Mechanical Data Recommended Coupling Nut Torque 4.1 to 6.1 in-lbs Coupling Proof Torque 15 in-lbs Coupling Nut Retention Force ≥ 101.2 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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AD45S-T3T8-18-1.2



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.