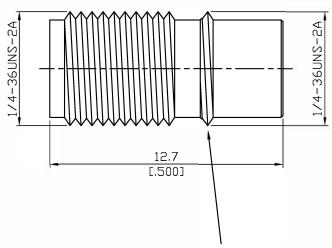


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AD-A8AQT8 SMA Jack To Snap On SMA Jack 18GHz VSWR 1.2 50Ω



\*SMA Jack Snap On Design With Short Thread Ensuring Excellent Mating Reliability. \*Snap On And Give One Turn For Proper Mating

| Parts       | Material         | Plating ( Micro-inch )                                |  |
|-------------|------------------|---|--|
| Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |  |
| Insulator   | Teflon           | ,   |  |
| Body        | Brass            | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |  |
|             |                  |   |  |



| AD-A8AQT8                    | SMA Jack To Snap On SMA Jack<br>18GHz VSWR 1.2 |                             |
|------------------------------|--|-----------------------------|
| Interface                    | SMA Jack Screw Side                            | SMA Jack Snap On Side       |
| Standard                     | MIL-STD-348B                                   | Per JYEBAO Snap On SMA Jack |
| Mechanically compatible with | 2.92 & 3.5                                     | 2.92 & 3.5                  |

## **Electrical Data**

Impedance  $50\Omega$ 

Frequency Range DC To 18GHz

VSWR  $\leq$  1.2 (DC To 18GHz) Insertion Loss  $\leq$  0.04 x  $\sqrt{f}$  (GHz) dB

Insulation Resistance  $\ge 5000 \text{M}\Omega$ Dielectric Withstanding Voltage (at sea level) 1500 V rms Working Voltage (at sea level) 500 V rms

## Mechanical Data

Recommended Coupling Nut Torque 4 in-lbs (Not applicable to snap on side)

Coupling Proof Torque 5.3 in-lbs (Not applicable to snap on side)

Contact Captivation-axial  $\geq$  6.1 lbs Durability (mating)  $\geq$  500

## **Environmental Data**

Temperature Range -65°C to +165°C

Thermal Shock MIL-STD-202, Method 107, Condition B

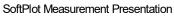
Moisture Resistance MIL-STD-202, Method 206

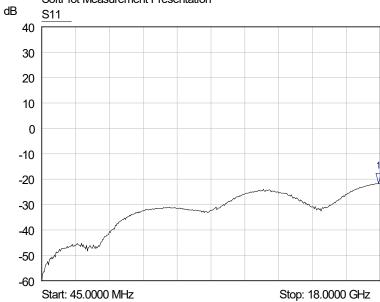
Corrosion MIL-STD-202, Method 101, Condition B

RoHS Compliant

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

## AD-A8AQT8





1 S11 √ 17.9102 GHz 1.18 VSWR