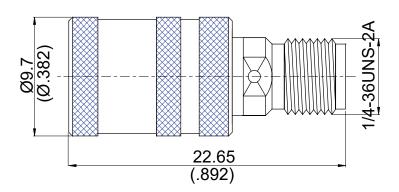


ADS-AQ3A8 Snap on SMA plug to SMA jack 27GHz VSWR 1.3 50Ω



Note: (1)Snap on SMA plug with locking mechanism

- (2) Snap on SMA plug is specified up to 20000 matings minimum
- (3) To get a proper mating one should first snap on the SMA plug and then give it a little turn.

Parts	Material	Plating (Micro-inch)
Insulator	Teflon	
Spring	Stainless	
Contact Pin	Stainless	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Body	Stainless	Passivated
Coupling Nut	Stainless	Passivated

Weight: 5.64 g

This part number complies with RoHS.

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



ADC A02A0	Snap on SMA plug to SMA jack
ADS-AQ3A8	27GHz VSWR 1.3

InterfaceSMA Plug Snap On SideSMA Jack Screw SideStandardPer JYEBAO Snap on SMA PlugMIL-STD-348BMechanically compatible with2.92 & 3.52.92 & 3.5

Electrical Data

Impedance 50Ω

Frequency Range DC To 27GHz

VSWR \leq 1.3 (DC To 27GHz) Insertion Loss \leq 0.08 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 7 to 9.5 in-lbs (Not applicable to snap on side)

Coupling Proof Torque 15 in-lbs (Not applicable to snap on side)

Contact Captivation-axial ≥6.1 lbs

Durability (mating) ≥ 500 (screw side); ≥ 20000 (snap on side)

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.

ADS-AQ3A8

