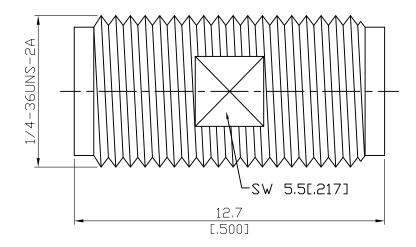


ADS-A8A8-27-1.15	SMA Jack to SMA Jack	50Ω
	27GHz VSWR1.15	



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

This part number complies with RoHS.

Weight: 1.32g

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



ADS-A8A8-27-1.15

SMA Jack to SMA Jack 27GHz VSWR1.15

Interface

Standard MIL-STD-348B

Mechanically compatible with 2.92 & 3.5

Electrical Data

Impedance 50Ω

Frequency Range DC To 27GHz

VSWR \leq 1.15 (DC To 27GHz) 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 7 to 9.5 in-lbs

Coupling Proof Torque15 in-lbsContact Captivation-axial ≥ 6.1 lbsDurability (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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ADS-A8A8-27-1.15

