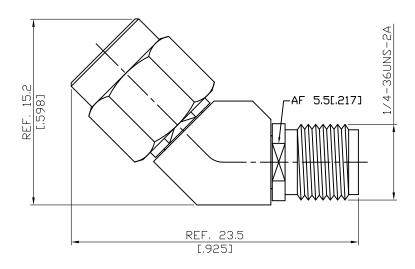


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AD45S-K3K8-1.25

45° angle 2.92mm plug to 2.92mm jack 40GHz VSWR 1.25

50Ω



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



AD45S-K3K8-1.25

45° angle 2.92mm plug to 2.92mm jack 40GHz VSWR 1.25

Interface

Standard MIL-STD-348B Mechanically compatible with 3.5 & SMA

Electrical Data

Impedance 50Ω

Frequency Range DC to 40GHz

VSWR \leq 1.25 (DC To 40GHz) Insertion Loss \leq 0.05 x \sqrt{f} (GHz) dB

Insulation Resistance $\geq 5000 M\Omega$ Dielectric Withstanding Voltage (at sea level) 750 V rms Working Voltage (at sea level) 250 V rms

Mechanical Data

Recommended Coupling Nut Torque11.47 in-lbsCoupling Proof Torque15 in-lbsContact Captivation-axial \geq 4.9 lbsDurability (mating) \geq 500

Environmental Data

Temperature Range -55°C to +105°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.

AD45S-K3K8-1.25

