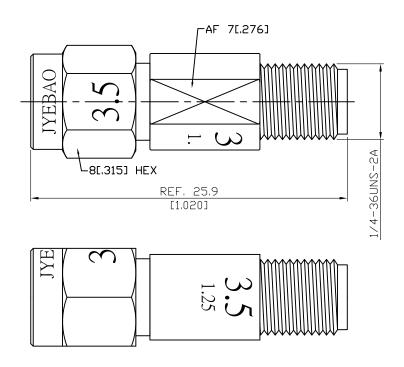


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ADS-PC3PC8-1.25

3.5mm Plug To 3.5mm Jack 34.5GHz VSWR 1.25

50Ω



Material	Plating (Micro-inch)
Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Silicone	
Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
PPO	
Stainless Steel	Passivated
Stainless Steel	Passivated
	Beryllium Copper Silicone Beryllium Copper PPO Stainless Steel



ADS-PC3PC8-1.25

3.5mm Plug To 3.5mm Jack 34.5GHz VSWR 1.25

Interface

Standard IEC60169-23 Mechanically compatible with 2.92 & SMA

Electrical Data

Impedance 50Ω

Frequency Range DC to 34.5GHz

VSWR \leq 1.25 (DC To 34.5GHz)

Insertion Loss $\leq 0.05 \text{ x } \sqrt{\text{f(GHz)}} \text{ dB}$

Insulation Resistance $\ge 5000 M\Omega$ Dielectric Withstanding Voltage (at sea level) 1000 V rms Working Voltage (at sea level) 335 V rms

RF Leakage ≥100dB to 1GHz

Mechanical Data

Recommended Coupling Nut Torque 7.1 to 9.7 in-lbs

Coupling Proof Torque15 in-lbsCoupling Nut Retention Force ≥ 60.7 lbsContact Captivation-axial ≥ 6.1 lbsDurability (mating) ≥ 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.

ADS-PC3PC8-1.25

