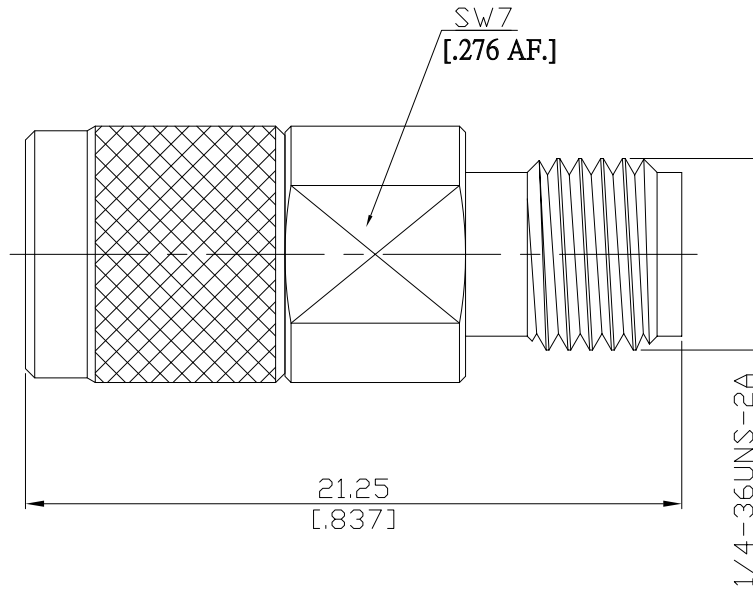


2.92mm Snap-On Plug (Male) to 2.92mm Jack (Female) Adapter
DC-40GHz VSWR1.15

AD-KQ1K25A / 99X-9X



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

Mechanically compatible with 3.5mm and SMA
According to IEC 61169-35, IEEE Std 287-2007

Electrical Data

Impedance 50 Ω
Frequency DC to 40 GHz
VSWR (Return Loss) ≤ 1.15 (≥ 23.13 dB)
Insertion Loss ≤ 0.04 × √F (GHz) dB
Insulation Resistance ≥ 5 GΩ
Test Voltage (at sea level) 750 V rms
Working Voltage (at sea level) 250 V rms
RF Leakage ≥ 100 dB up to 1 GHz

Material And Plating

Piece Parts (2.92mm Snap-On)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Insulator	PEI	
Piece Parts (2.92mm)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PEI	

2.92mm Snap-On Plug (Male) to 2.92mm Jack (Female) Adapter
DC-40GHz VSWR1.15

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Coupling Nut Retention	N/A
Center Contact Captivation: axial	≥ 20 N
Weight	0.0040 kg
Coupling Test Torque	1.70 Nm max.
Recommended Torque	0.9 Nm

Environmental Data

Temperature Range	-60°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100