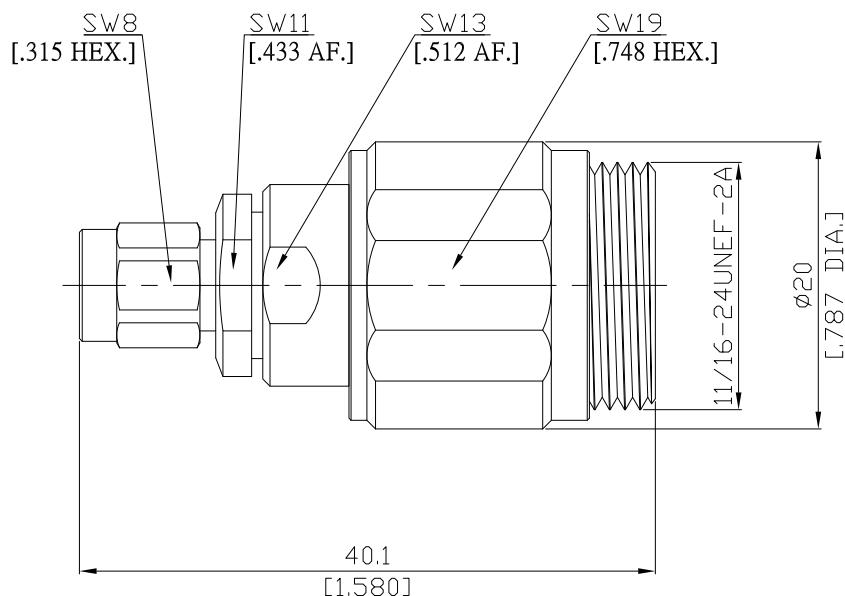


2.92mm plug (male) / 7mm sexless
Adaptors Straight DC-18 GHz VSWR1.15

AD-K1P7S5A / 9XX-9XX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

2.92mm mechanically compatible with 3.50mm and SMA
7mm according to IEC 4572

Electrical Data

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR (Return Loss)	≤ 1.15 (≥ 23.1 dB)
Insertion Loss	≤ 0.04 x √F (GHz) dB
Center contact resistance	≤ 3.0 mΩ, 2.92mm side
Outer contact resistance	≤ 2.0 mΩ, 2.92mm side
Test voltage	750 V rms
Working voltage	250 V rms
RFleakage	≥ 100 dB up to 1 GHz

Material And Plating

Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PS	Passivated
Coupling nut	Stainless Steel	Passivated
Piece Parts (7mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PS	Passivated
Coupling nut	Stainless Steel	Passivated

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Mechanical Data

Coupling mechanisms	2.92mm side	7mm side
Mating cycles	Screw-lock	Screw-lock
Center Contact Captivation	min. 500	min. 500
Coupling test torque	≥ 28 N	≥ 28 N
Recommended torque	1.70 Nm	1.95 Nm
	0.80 Nm to 1.10 Nm	1.36 Nm

Environmental Data

Temperature Range	-55°C to +70°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