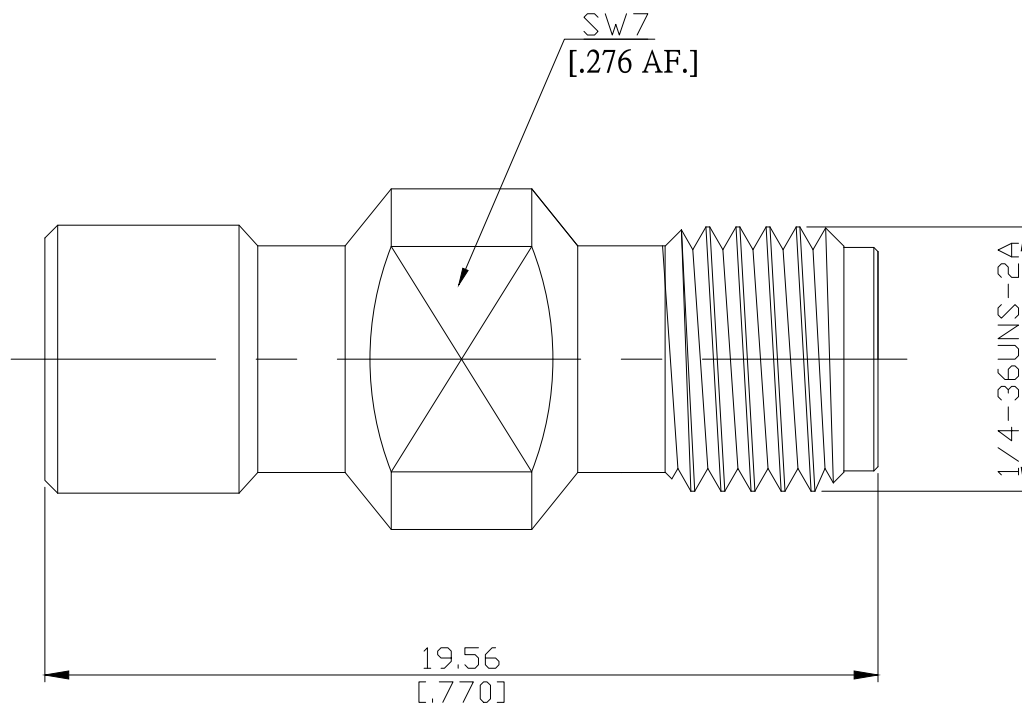


SMA Snap-on jack (female) / SMA jack (female) Straight Adaptor  
DC-18 GHz, VSWR ≤ 1.15

**AD-AQ2A25A / 9X-9X**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

according to

IEC 60169-15; MIL-STD-348B/310

**Electrical Data**

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR (Return Loss)	≤ 1.15 (≥ 23 dB)
Insertion Loss	≤ 0.05 x √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 3 mΩ
Outer contact resistance	≤ 3 mΩ
Test voltage	1000 V rms
Working voltage	350 V rms
RF-leakage	≥ 100 dB up to 1 GHz

**Material And Plating**

Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Piece Parts (SMA)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

SMA Snap-on jack (female) / SMA jack (female) Straight Adaptor  
DC-18 GHz, VSWR ≤ 1.15

**AD-AQ2A25A / 9X-9X**

**Mechanical Data**

Coupling mechanisms	SMA Snap-On male	SMA female
Mating cycles	Snap-lock	Screw-lock
Center contact captivation	≥ 500	≥ 500
	≥ 27 N	≥ 27 N

**Environmental Data**

Temperature Range	-65°C to +155°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