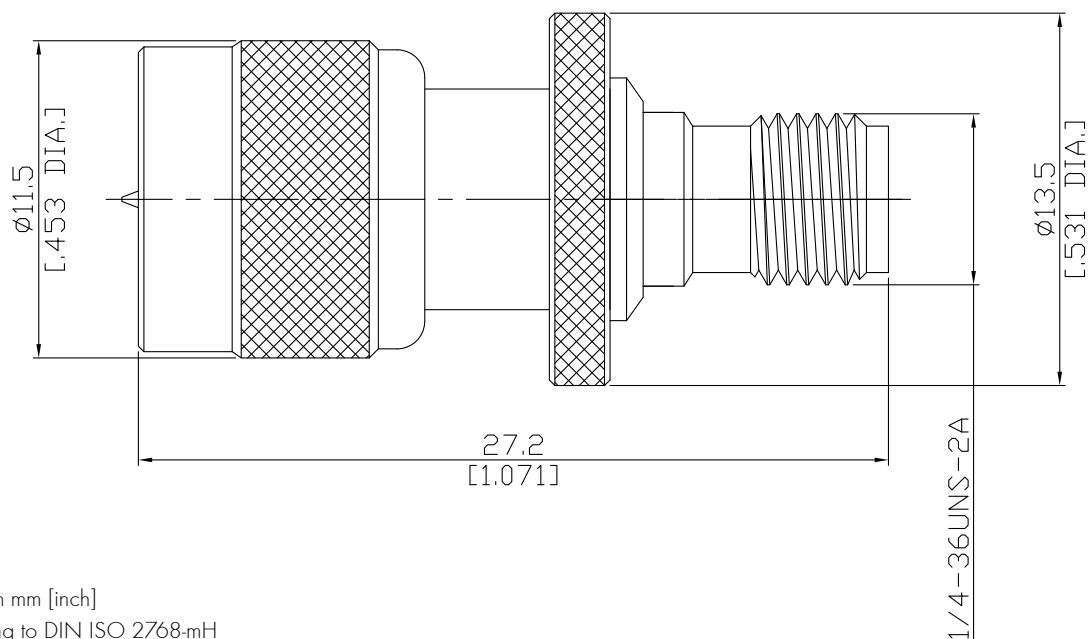


Mini UHF plug (male) / SMA jack (female)  
Straight adaptor DC- 2.5 GHz

**AD-MU1A25A / 944-91**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

UHF according to

IEC 60169-12

SMA according to

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

**Electrical Data**

Impedance

50  $\Omega$

Frequency

DC to 2.5 GHz

Insulation resistance

$\geq 5 \text{ G}\Omega$

Center contact resistance

$\leq 5 \text{ m}\Omega$ , Mini UHF side

$\leq 3 \text{ m}\Omega$ , SMA

Outer contact resistance

$\leq 3 \text{ m}\Omega$ , Mini UHF side

$\leq 2 \text{ m}\Omega$ , SMA

Test voltage

1000 V rms

**Material And Plating**

Piece Parts (Mini UHF)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Insulator	PTFE	

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**Mechanical Data**

	Mini UHF side	SMA side
Coupling mechanisms	Screw-lock	Screw-lock
Mating cycles	min. 500	min. 500
Center contact captivation: axial	≥ 30 N	≥ 27 N
Coupling test torque	N/A	≤ 1.7 Nm
Recommended torque	N/A	0.8 Nm to 1.1 Nm

**Environmental Data**

Temperature Range	-55°C to +165°C
RoHS	compliant

**Packing**

Single or 100