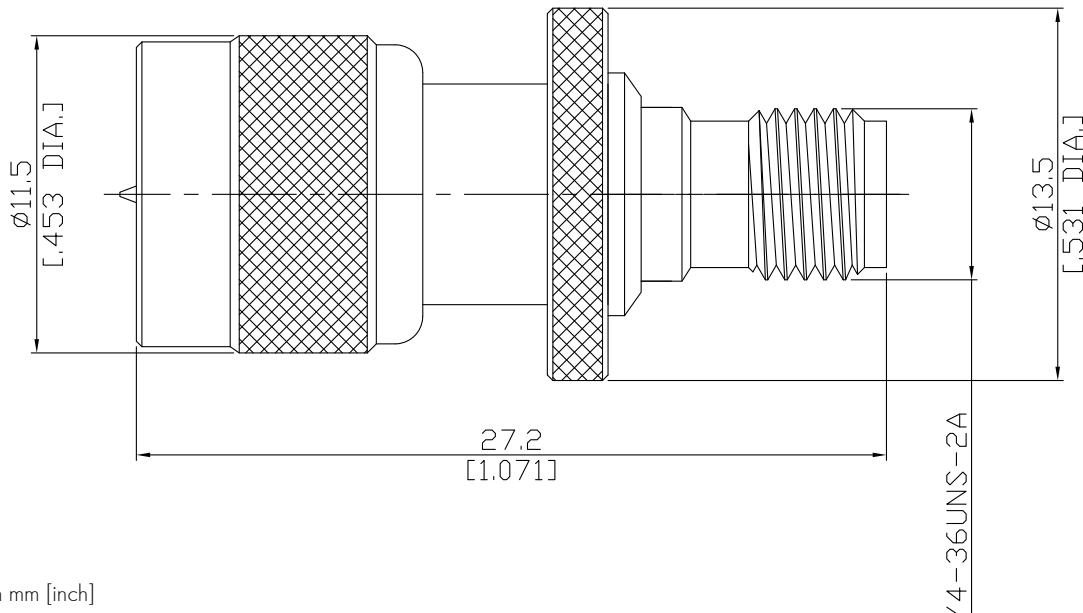


Mini UHF plug (male) / SMA jack (female)  
Straight adaptor DC- 2.5 GHz

**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 Ω

Frequency

DC to 2.5 GHz

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 5 mΩ, Mini UHF side

≤ 3 mΩ, SMA

Outer contact resistance

≤ 3 mΩ, Mini UHF side

≤ 2 mΩ, SMA

Test voltage

1000 V rms

#### Material And Plating

##### Piece Parts (Mini UHF)

	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)

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 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Insulator	PTFE	

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

## AD-MU1A25A / 944-91

## Mechanical Data

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

## Environmental Data

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

## Packing

Single or 100