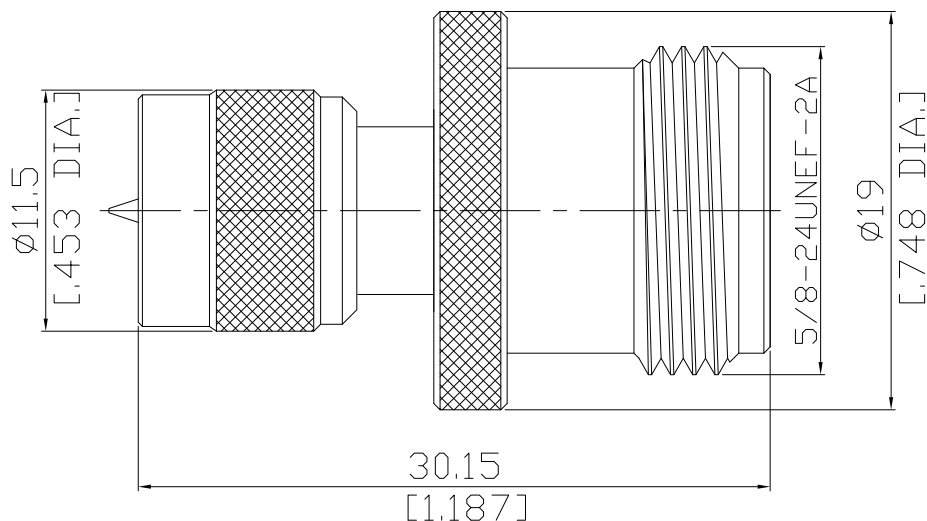


Mini UHF plug (male) / N jack (female)
Straight adaptor DC-2.5 GHz

AD-MU1N25A / 144-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

Mini UHF according to

IEC 60169-12

N according to

IEC 61169-8; MIL-STD-348B/301

Electrical Data

Impedance

50 Ω

Frequency

DC to 2.5 GHz

Insertion loss

≤ 0.01 × √F (GHz) dB

Insulation resistance

≥ 1 GΩ

Center contact resistance

≤ 5 mΩ, Mini UHF side

1 mΩ, N side

Outer contact resistance

≤ 5 mΩ, Mini UHF side

≤ 0.25 mΩ, N side

Material And Plating

Piece Parts (Mini UHF)	Material	Plating
Centre contact	Brass	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	Copper-Tin-Zinc Alloy
Insulator	PTFE	

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

AD-MU1N25A / 144-94

Mechanical Data

	Mini UHF side	N side
Coupling mechanisms	Screw-lock	Screw-lock
Mating cycles	≥ 500	≥ 500
Center contact captivation: axial	≥ 20 N	≥ 28 N
Coupling test torque	N/A	≤ 1.7 Nm
Recommended torque	N/A	0.7 Nm to 1.1 Nm

Environmental Data

Temperature range	-55°C to +155°C
RoHS	compliant

Packing

Single or 100