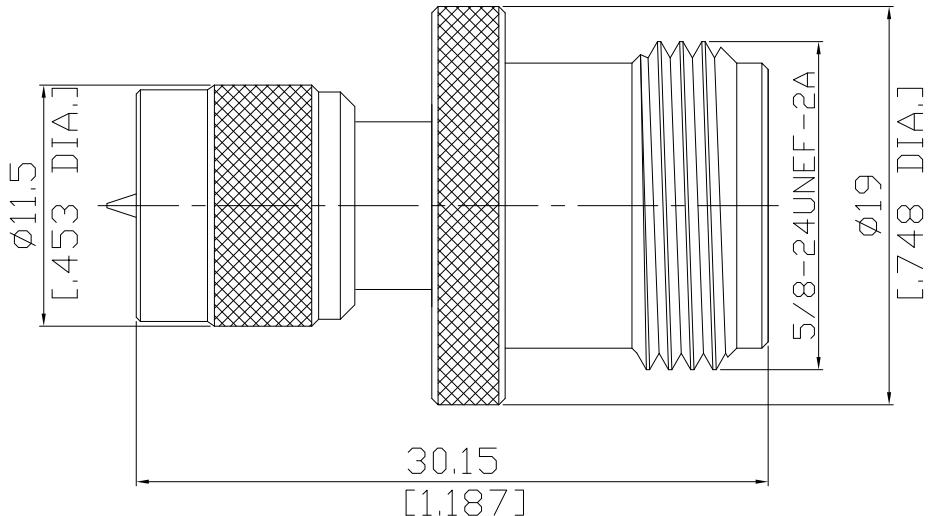


Mini UHF plug (male) / N jack (female)
Straight adaptor DC-2.5 GHz

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

$\leq 0.01 \times \sqrt{f} \text{ (GHz)} \text{ dB}$

Insulation resistance

$\geq 1 \text{ G}\Omega$

Center contact resistance

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

$1 \text{ m}\Omega$, N side

Outer contact resistance

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

$\leq 0.25 \text{ m}\Omega$, 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

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Mechanical Data

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

Environmental Data

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

Packing

Single or 100