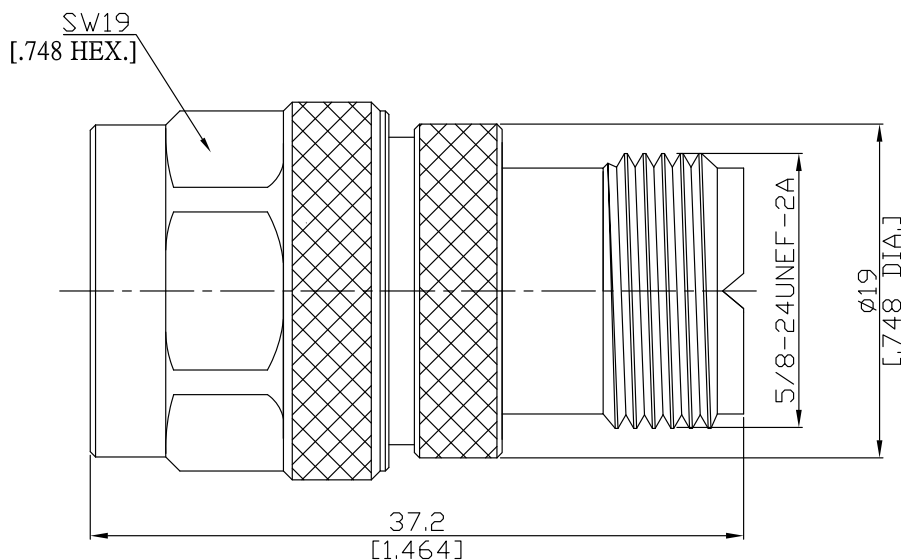


N plug (male) / UHF jack (female)
Straight Adaptor DC-300 MHz VSWR ≤ 1.3

AD-N1U25A / 144-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

N according to

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

UHF according to

IEC 60169-12

Electrical Data

Impedance

N (50 Ω) ; UHF (non-constant)

Frequency

DC to 300 MHz

VSWR (Return Loss)

≤ 1.3 (≥ 17.7 dB)

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 1 mΩ, N side;

≤ 5 mΩ, UHF side

Outer contact resistance

≤ 0.25 mΩ, N side;

≤ 5 mΩ, UHF side

Mechanical Data

Coupling mechanisms

N side

UHF side

Mating cycles

Screw-lock

Screw-lock

Center contact captivation: axial

min. 500

min. 500

Coupling test torque

≥ 28 N

≥ 30 N

Recommended torque

max. 1.7 Nm

N/A

0.7 Nm to 1.1 Nm

N/A

Environmental Data

Temperature Range

-55°C to +165°C

RoHS

compliant

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Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Brass	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (UHF)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

Packing

Single or 100