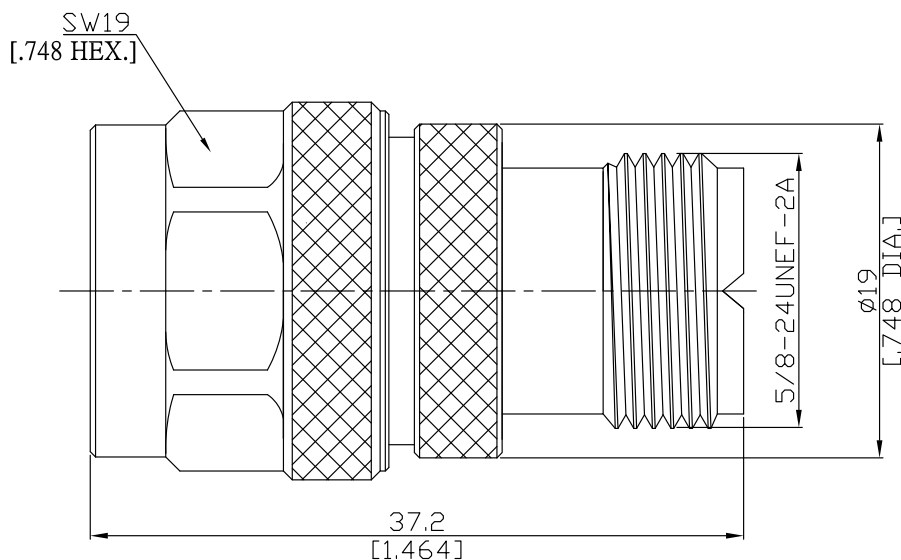


N plug (male) / UHF jack (female)  
Straight Adaptor DC-300 MHz VSWR ≤ 1.3

**AD-N1U25A / 133-93**



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

## N plug (male) / UHF jack (female) Straight Adaptor DC-300 MHz VSWR $\leq 1.3$

### AD-N1U25A / 133-93

#### Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Brass	Gold plating, 3 $\mu$ inch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Piece Parts (UHF)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 $\mu$ inch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
Body	Brass	Nickel
Insulator	PTFE	

#### Packing

Single or 100