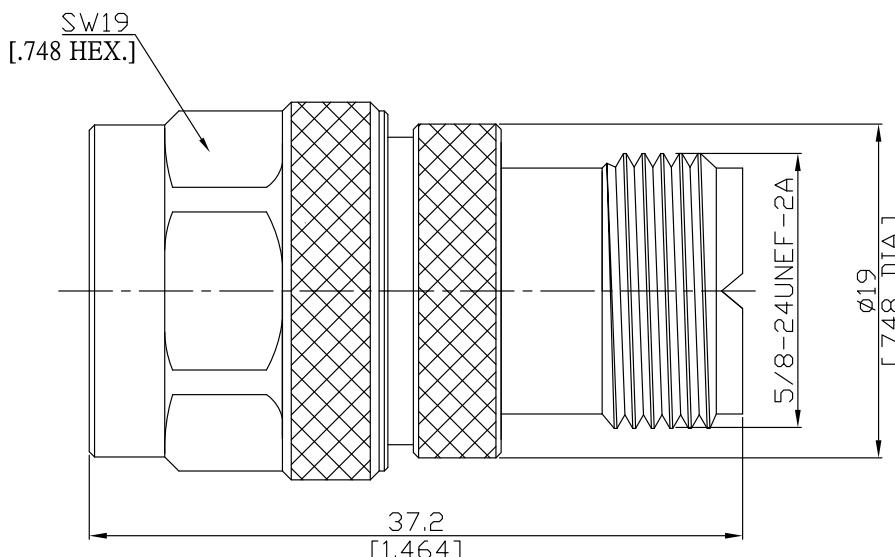


N plug (male) / UHF jack (female)
Straight Adaptor DC-300 MHz VSWR ≤ 1.3

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

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

AD-N1U25A / 144-H4

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
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 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	

Packing

Single or 100