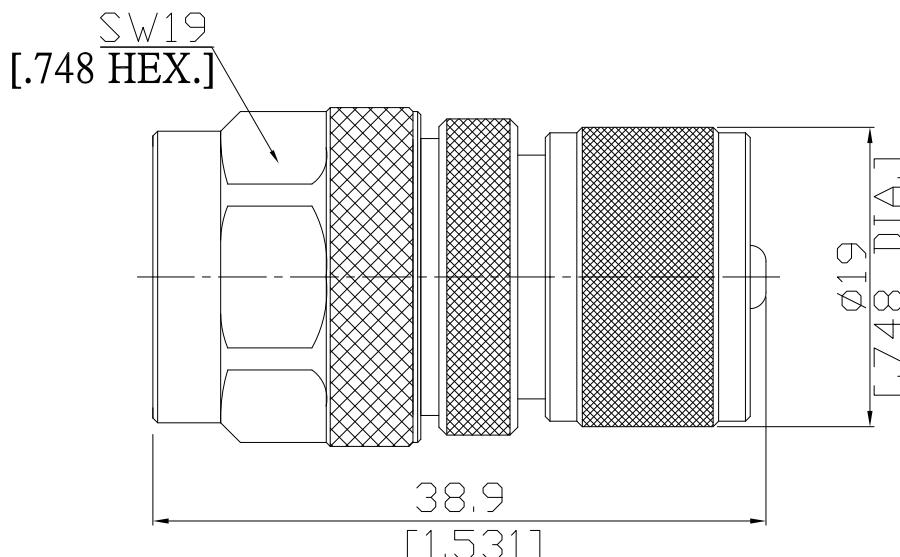


N plug (male) / UHF plug (male)  
Straight Adaptor DC-300 MHz VSWR ≤ 1.3

## AD-N1U15A / 144-144



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;
Outer contact resistance	≤ 5 mΩ, UHF side
	≤ 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 plug (male)**  
**Straight Adaptor DC-300 MHz VSWR ≤ 1.3**

**AD-N1U15A / 144-144**

**Material And Plating**

<b>Piece Parts (N)</b>	<b>Material</b>	<b>Plating</b>
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
<b>Piece Parts (UHF)</b>	<b>Material</b>	<b>Plating</b>
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

**Packing**

Single or 100