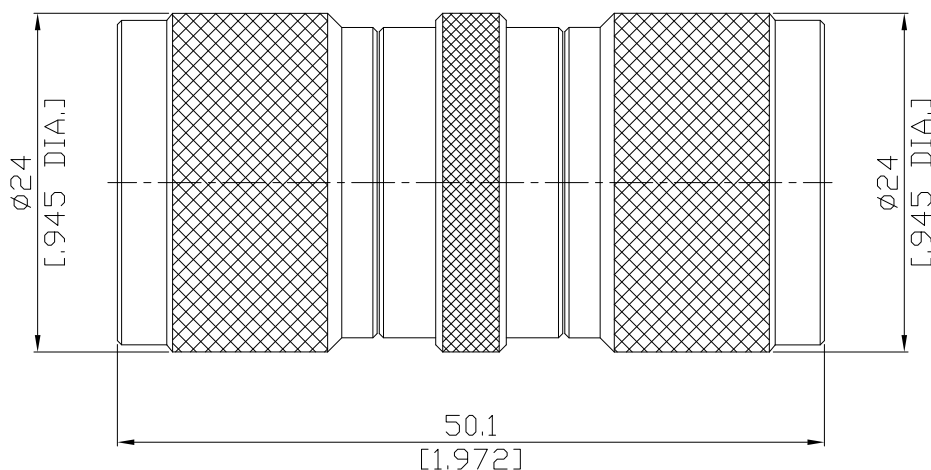


HN plug (male) / HN plug (male) Adaptors Straight DC-4 GHz VSWR1.33

AD-HN1HN15A / 033-033



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

MIL-C-3643; MIL-STD-348B/317

Electrical Data

Impedance	50 Ω
Frequency	DC to 4 GHz
VSWR (Return Loss)	≤ 1.33 (≥ 17 dB)
Insertion Loss	≤ 0.1 x √F (GHz) dB
Insulation resistance	≥ 10 GΩ
Center contact resistance	≥ 8 mΩ
Outer contact resistance	≥ 2 mΩ
Test voltage	3500 V rms
Working voltage	2500 V rms
RF leakage	≥ 128 dB @ DC to 1 GHz

Material And Plating

Piece Parts (HN)	Material	Plating
Centre contact	Brass	Silver
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
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Mechanical Data

Coupling Mechanisms	Screw-lock
Mating Cycles	≥ 300
Coupling test torque	≤ 1.7 Nm
Coupling torque recommended	0.7 Nm to 1.1 Nm

Environmental Data

Temperature Range	-55°C to +125°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion resistance	MIL-STD-202, Method 101, Condition B
Shock	MIL-STD-202, Method 213, Condition I
Vibration	MIL-STD-202, Method 204, Condition B
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100