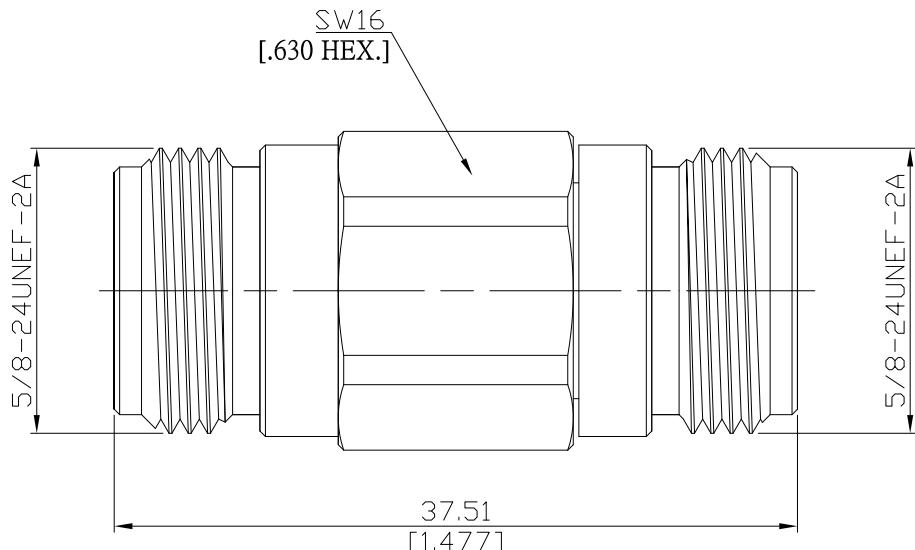


N jack (female) / N jack (female) Adaptors Straight DC-12.4 GHz VSWR1.15

## AD-N2N25A / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

According to

IEC 61169-16; MIL-STD-348B/304

## Electrical Data

Impedance	50 Ω
Frequency	DC to 12.4 GHz
Insertion Loss	≤ 1.15 (≥ 23.12 dB)
Insertion loss	≤ 0.05 x √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 1 mΩ
Outer contact resistance	≤ 0.25 mΩ
Working voltage	500 V rms
Power handling	1000 W @ 1 GHz
RF leakage	700 W @ 2 GHz ≥ 128 dB @ DC to 1 GHz

## Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
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N jack (female) / N jack (female) Adaptors Straight DC-12.4 GHz VSWR1.15

## AD-N2N25A / 9X-9X

### Mechanical Data

Coupling Mechanisms	Screw-lock
Mating Cycles	≥ 500
Center contact captivation: axial	≥ 28 N
Coupling test torque	≤ 1.7 Nm
Recommended torque	0.7 Nm to 1.1 Nm

### Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

### Packing

Single or 100