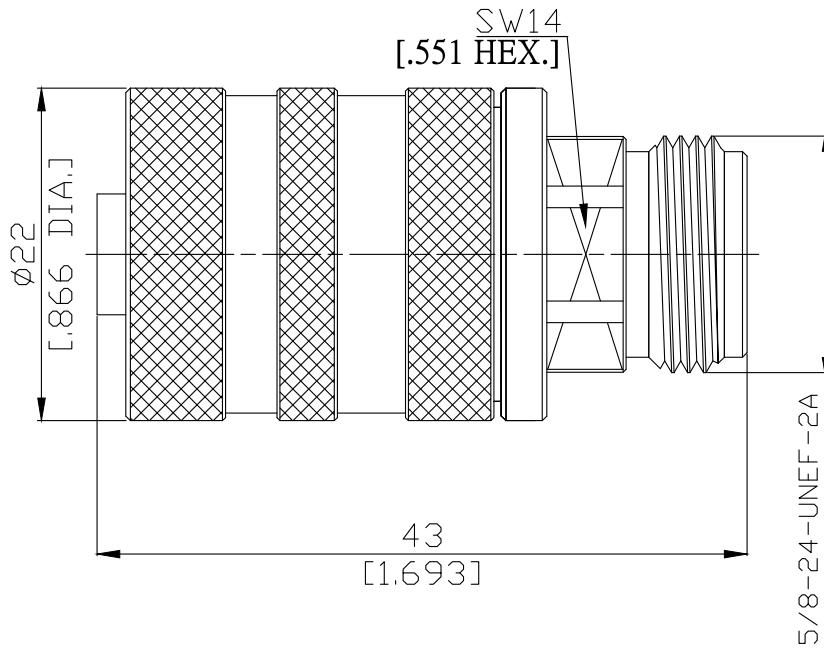


N Snap-On plug (male) / N jack (female)  
Straight adaptor DC-11 GHz

## AD-NQ1N25A / H44-94



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

according to

IEC 61169-8; MIL-STD-348B/301

## Electrical Data

Impedance	50 Ω
Frequency	DC to 11 GHz
VSWR (Return Loss)	≤ 1.20 (≥ 20.8 dB)
Insertion loss	≤ 0.04 x √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 1 mΩ
Outer contact resistance	≤ 0.25 mΩ
Working voltage (at sea level)	500 V rms
Power handling (at 20 °C, sea level, VSWR 1.0)	1000 W @ 1 GHz
RF-leakage	≥ 128 dB @ DC to 1 GHz
700 W @ 2 GHz	

## Material And Plating

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

N Snap-On plug (male) / N jack (female)  
Straight adaptor DC-2.5 GHz

## AD-NQ1N25A / H44-94

## Mechanical Data

Coupling mechanisms	N side	N side
Mating cycles	Snap-On	Screw-lock
Center contact captivation: axial	≥ 200	≥ 500
Coupling test torque	≥ 28 N	≥ 28 N
Recommended torque	N/A	≤ 1.7 Nm
Engagement force	N/A	0.7 Nm to 1.1 Nm
Disengagement force	30 N typical	N/A
	30 N typical	N/A

## Environmental Data

Temperature range	-65°C to +165°C
RoHS	compliant

## Packing

Single or 100