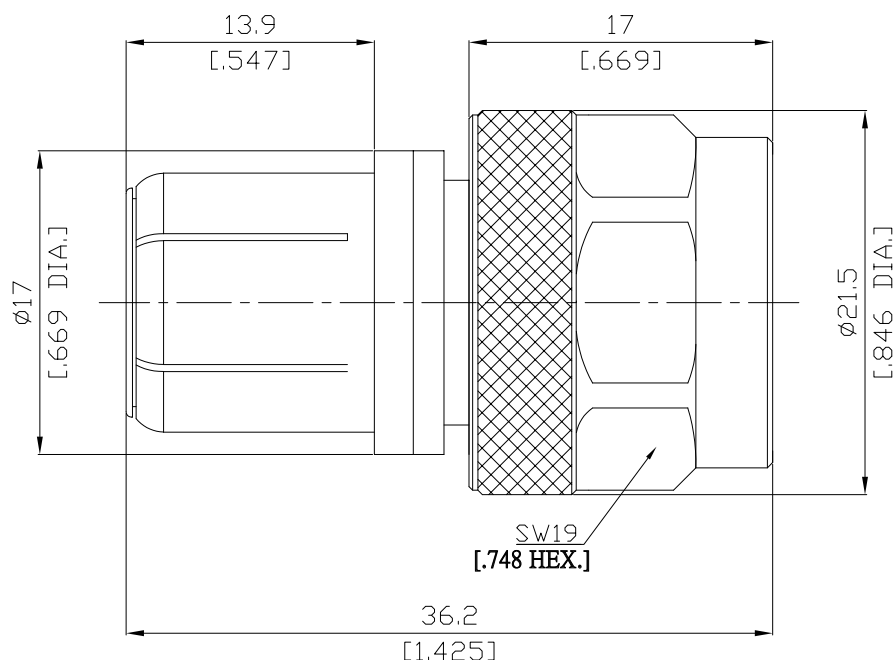


N plug (male) / N Snap-On jack (female)
Straight Adaptor DC-8 GHz VSWR ≤ 1.22

AD-N1NQ25A / 133-H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

according to

IEC 60169-16 ; MIL-STD-348B/402

Electrical Data

Impedance	50 Ω
Frequency	DC to 8 GHz
VSWR (Return Loss)	≤ 1.22 (≥ 20 dB)
Insertion loss	≤ 0.1 × √F (GHz) dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 1 mΩ
Outer contact resistance	≤ 1 mΩ
Test voltage	2500 V rms
Working voltage	500 V rms
RF-leakage	≥ 90 dB up to 1 GHz

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	
Coupling nut	Brass	Nickel
Piece Parts (N Snap-On)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	

N plug (male) / N Snap-On jack (female)
Straight Adaptor DC-8 GHz VSWR ≤ 1.22

AD-N1NQ25A / 133-H3

Mechanical Data

Coupling mechanisms	N Snap-On side	N side
Mating cycles	Snap-lock	Screw-lock
Center contact captivation	≥ 200	≥ 500
Coupling test torque	≥ 28 N	≥ 28 N
Recommended torque	N/A	1.70 Nm
Engagement force	N/A	0.70 Nm to 1.10 Nm
Disengagement force	30 N typical	N/A
	30 N typical	N/A

Environmental Data

Temperature range	-40°C to +85°C
Thermal shock	IEC 61169-1, Subclause 9.4.4
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Shock	IEC 61169-1, Subclause 9.3.14
Moisture resistance	IEC 61169-1, Subclause 9.4.3
RoHS	compliant

Packing

Single or 100