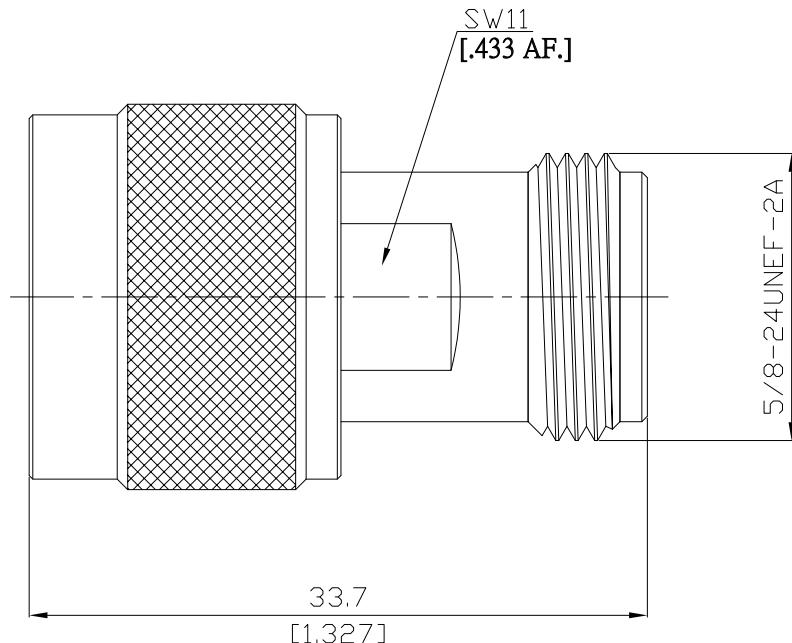


N Snap-On plug (male) / N jack (female)
Straight adaptor DC-11 GHz VSWR \leq 1.20

AD-NQ1N25B / 133-H3



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)	\leq 1.20 (\geq 20.8 dB)
Insertion loss	\leq 0.04 \times \sqrt{F} (GHz) dB
Insulation resistance	\geq 5 G Ω
Center contact resistance	\leq 1 m Ω
Outer contact resistance	\leq 0.25 m Ω
Working voltage (at sea level)	500 V rms
Power handling (at 20 °C, sea level, VSWR 1.0)	1000 W @ 1 GHz
RF-leakage	\geq 128 dB @ DC to 1 GHz
700 W @ 2 GHz	

Material And Plating

Piece Parts (N Snap-On)	Material	Plating
Centre contact	Brass	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Nickel
Insulator	PTFE	
Coupling nut	Brass	Nickel
Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Nickel
Insulator	PTFE	

N Snap-On plug (male) / N jack (female)
Straight adaptor DC-11 GHz VSWR ≤ 1.20

AD-NQ1N25B / 133-H3

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