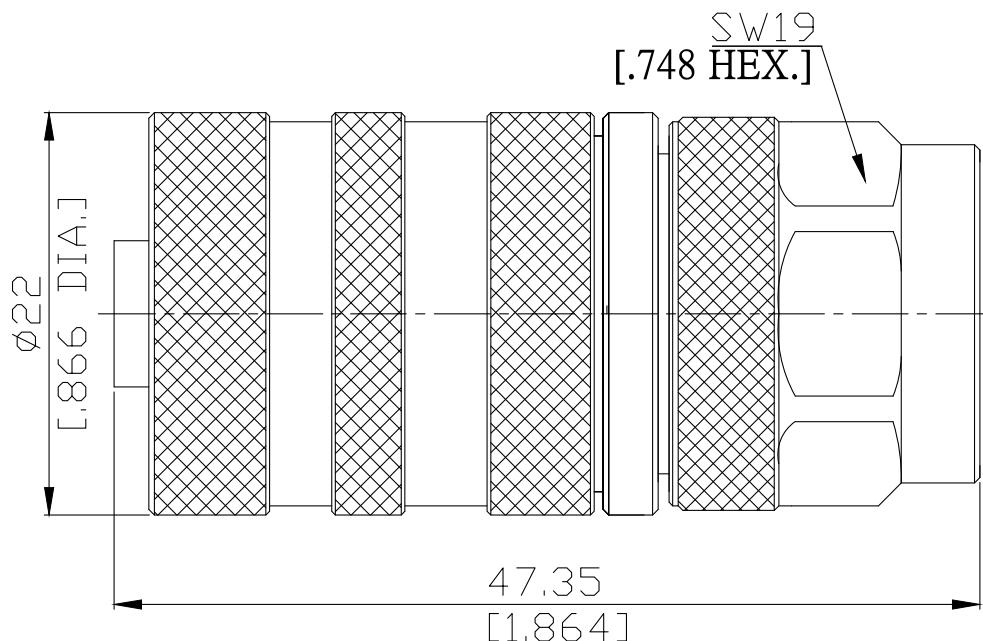


N Snap-On plug (male) / N plug (male)
Straight adaptor DC-11 GHz VSWR ≤ 1.20

AD-NQ1N15A / H44-H44



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	$\leq 0.04 \times \sqrt{F}$ (GHz) dB
Insulation resistance	≥ 5 G Ω
Center contact resistance	≤ 1 m Ω
Outer contact resistance	≤ 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	≥ 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 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-
Date:
JUL/16/2021

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

AD-NQ1N15A / H44-H44

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