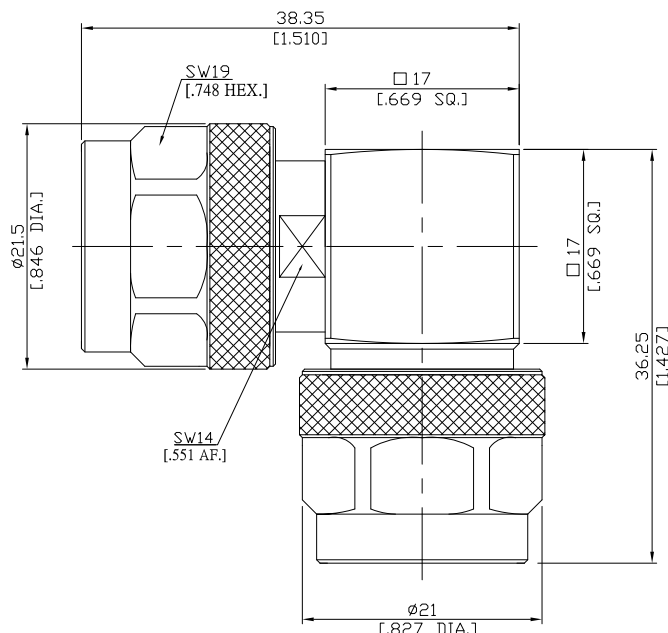


N plug (male) / N plug (male) L-adaptor DC-11GHz VSWR ≤1.20

ADL-N1N15B / 9XX-9XX



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 11 GHz

VSWR (Return Loss)

≤ 1.20 (≥ 20.83 dB)

Insertion Loss

≤ 0.05 × √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

1000 W @ 1 GHz

700 W @ 2 GHz

RF Leakage

≥ 128 dB up to 1 GHz

Material And Plating

Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PS	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (N)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated

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:
12/7/2020

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N-CAGE Code: SFKK0 / ISO9001 Certified

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N plug (male) / N plug (male) L-adaptor DC-11GHz VSWR ≤1.20

ADL-N1N15B / 9XX-9XX

Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	min. 500
Coupling nut retention	≥ 450 N
Center contact captivation: axial	≥ 28 N
Coupling Test Torque	max. 1.7 Nm
Recommended Torque	0.7 Nm to 1.1 Nm

Environmental Data

Temperature Range	-55°C to +155°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