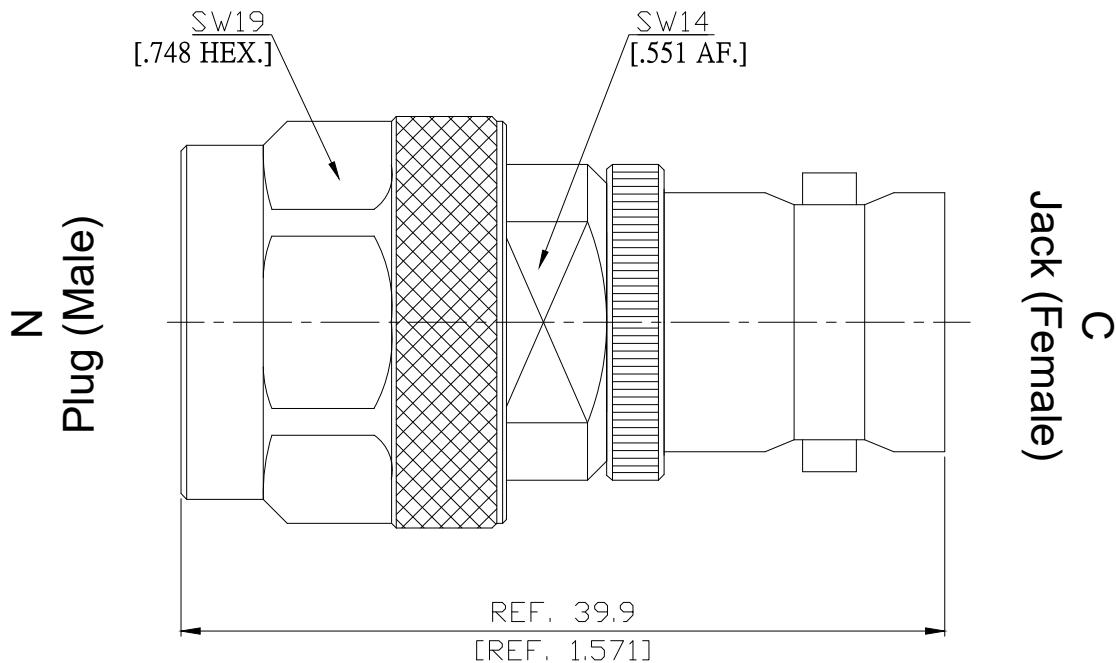


N plug (male) / C jack (female) Straight adaptor DC- 11 GHz

AD-N1C25A / H33-H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

N according to

IEC 61169-16; MIL-STD-348B/304

C according to

MIL-STD-348B/302

Electrical Data

Impedance

50 Ω

Frequency

DC to 11 GHz

VSWR (Return Loss)

≤ 1.35 (≥ 16.5 dB)

Insertion loss

≤ 0.067 x √f (GHz) dB

Insulation resistance

≥ 5 GΩ

Dielectric withstanding voltage

1500 V rms

Material And Plating**Piece Parts (N)****Material****Plating**

Centre contact

Phosphor Bronze

Gold plating, 3 µinch

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Body

Brass

Nickel

Insulator

PTFE

Coupling nut

Brass

Nickel

Piece Parts (C)**Material****Plating**

Centre contact

Phosphor Bronze

Gold plating, 3 µinch

(Non-magnetic nickel-phosphorus underplating, 80 µinch)

Body

Brass

Nickel

Insulator

PTFE

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Mechanical Data

Coupling mechanisms	N side	C side
Mating cycles	Screw-lock	Screw-lock
Center contact captivation:axial	min. 500	min. 500
Maximum torque	≥ 28 N	≥ 20 N
Recommended torque	1.70 Nm	N/A
	1.10 Nm	N/A

Environmental Data

Temperature Range	-65 °C to +165 °C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100