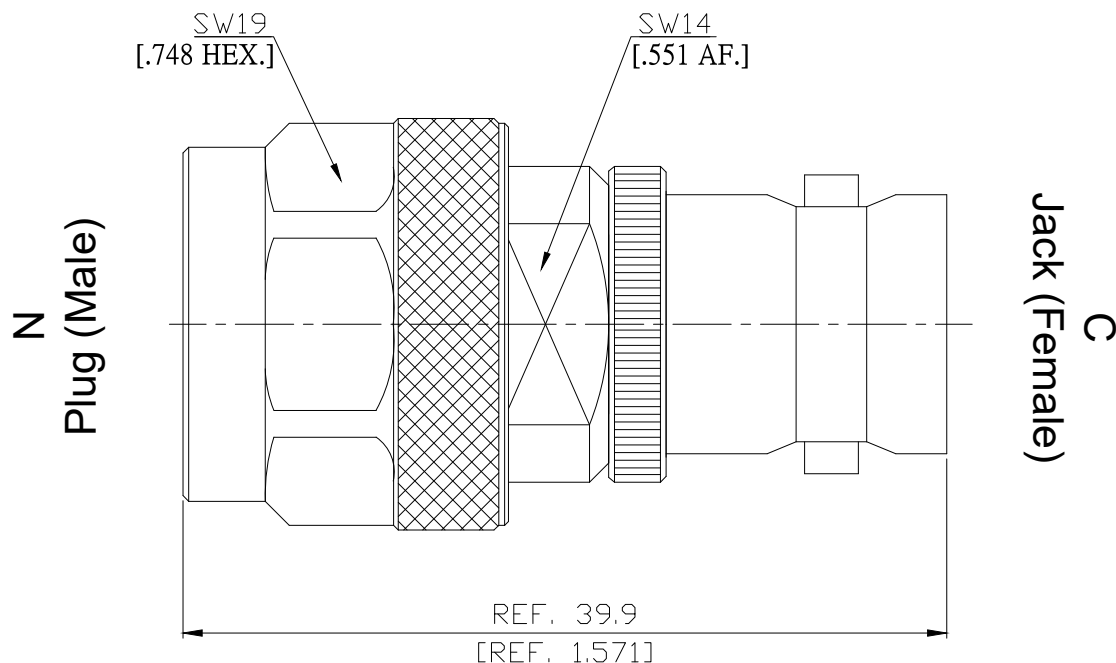


N plug (male) / C jack (female) Straight adaptor DC- 11 GHz

## 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  $\Omega$

Frequency

DC to 11 GHz

VSWR (Return Loss)

$\leq 1.35$  ( $\geq 16.5$  dB)

Insertion loss

$\leq 0.067 \times \sqrt{F}$  (GHz) dB

Insulation resistance

$\geq 5$  G $\Omega$

Dielectric withstanding voltage

1500 V rms

### Material And Plating

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

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

## AD-N1C25A / H33-H3

### 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