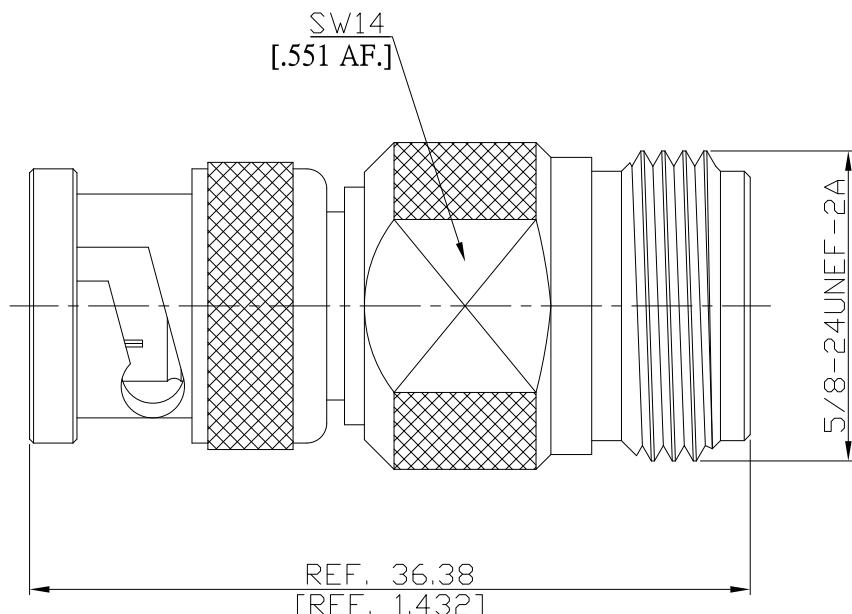


Straight adaptor plug/jack, BNC plug (male) to N jack (female) DC- 11GHz

## AD-B1N25A / H33-H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

BNC side according to

IEC 60169-8; MIL-STD-348B/301

N side according to

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

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 11 GHz

Insertion Loss

 $\leq 0.05 \times \sqrt{f}$  (GHz) dB

Insulation resistance

 $\geq 5 \text{ G}\Omega$ 

Center contact resistance

 $\leq 1.5 \text{ m}\Omega$ , BNC side; $\leq 1 \text{ m}\Omega$  N side

Outer contact resistance

 $\leq 1 \text{ m}\Omega$ , BNC side; $\leq 0.25 \text{ m}\Omega$ , N side

Test voltage

1500 V rms

Working voltage

400 V rms

Power handling (at 20 °C, sea level, VSWR 1.0)

 $\leq 80 \text{ W}$  @ 2 GHz**Material And Plating**

Piece Parts (BNC)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 $\mu$ inch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Piece Parts (N)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 $\mu$ inch (Non-magnetic nickel-phosphorus underplating, 80 $\mu$ inch)
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-CAGE Code: SFKK0 / ISO9001 Certified

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Straight adaptor plug/jack, BNC plug (male) to N jack (female) DC- 11GHz

## AD-B1N25A / H33-H3

### Mechanical Data

Coupling mechanisms	BNC side	N side
Mating cycles	Bayonet-lock	Screw-lock
Center contact captivation	min. 500	min. 500
Coupling test torque	≥ 28 N	≥ 28 N
Recommended torque	N/A	max. 1.7 Nm
	N/A	0.7 Nm to 1.1 Nm

### Environmental Data

Temperature Range	-65°C to +165°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