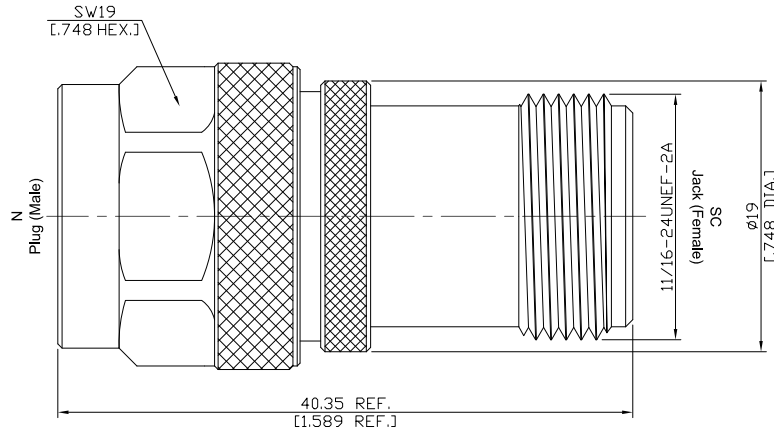


N Plug (Male) to SC Jack (Female), Straight Adapter, DC - 11 GHz, VSWR 1.25

AD-N1SC25A / 933-93



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

N According to

IEC 60169-16; MIL-STD-348B/304; CECC 22210; MIL-PRF-39012

SC According to

MIL-STD-348B/309; MIL-PRF-39012

Electrical Data

Impedance

50 Ω

Frequency

DC to 11 GHz

Insertion Loss

≤ 1.25 (≥ 19.08 dB)

Insertion loss

≤ 0.06 x √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 1 mΩ, N side

≤ 1 mΩ, SC side

Outer contact resistance

≤ 0.25 mΩ, N side

≤ 0.5 mΩ, SC side

Working voltage

500 V rms

Material And Plating

Piece Parts (N)

Centre contact

Material

Beryllium Copper

Plating

Gold plating

(Non-magnetic nickel-phosphorus underplating)

Body

Brass

Nickel

Insulator

PTFE

Gasket

Silicone Rubber

Coupling nut

Brass

Nickel

Piece Parts (SC)

Centre contact

Material

Beryllium Copper

Plating

Gold plating

(Non-magnetic nickel-phosphorus underplating)

Body

Brass

Nickel

Insulator

PTFE

N Plug (Male) to SC Jack (Female), Straight Adapter, DC-11 GHz, VSWR 1.25

AD-N1SC25A / 933-93

Mechanical Data

	N side	SC side
Coupling Mechanisms	Screw-On	Screw-On
Mating Cycles	≥ 500	≥ 500
Coupling nut retention	≥ 450 N	≥ 445 N
Center contact captivation: axial	≥ 28 N	≥ 27 N
Coupling test torque	max. 1.7 Nm	N/A
Recommended torque	1.0 Nm	1.36 Nm to 1.69 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