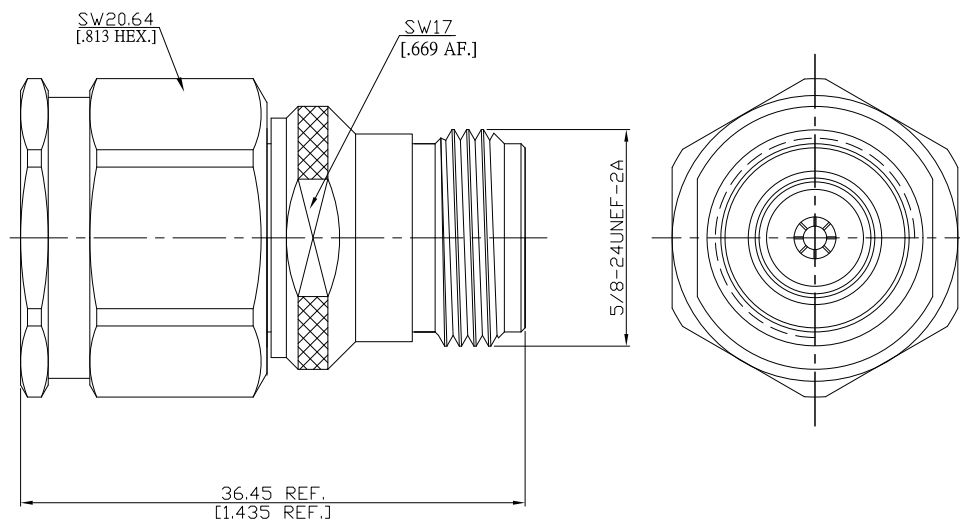


SC plug (male) / N jack (female)
Straight Adaptor DC-11 GHz VSWR ≤ 1.25

AD-SC1N25A / H44-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SC according to

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

N according to

IEC 60169-16; MIL-STD-348/304; CECC 22 210

Electrical Data

Impedance

50 Ω

Frequency

DC to 11 GHz, 1500 V typ.

VSWR (Return Loss)

≤ 1.25 (≥ 19.08 dB)

Power handling

800 W @ 1 GHz

200 W @ 6 GHz

Material And Plating

| Piece Parts (SC) | Material | Plating |
|------------------|-----------------|---|
| Centre contact | Phosphor Bronze | Gold plating (Non-magnetic nickel-phosphorus underplating) |
| Body | Brass | Copper-Tin-Zinc Alloy |
| Insulator | PTFE | |
| Coupling nut | Brass | Copper-Tin-Zinc Alloy |
| Piece Parts (N) | Material | Plating |
| Centre contact | Phosphor Bronze | Gold plating (Non-magnetic nickel-phosphorus underplating) |
| Body | Brass | Copper-Tin-Zinc Alloy |
| Insulator | PTFE | |

SC plug (male) / N jack (female)
Straight Adaptor DC-11 GHz VSWR ≤ 1.25

AD-SC1N25A / H44-H4

Mechanical Data

Coupling mechanisms
Mating cycles

SC side
Screw-lock
≥ 500

N side
Screw-lock
≥ 500

Environmental Data

Temperature Range
Thermal shock
Corrosion
Vibration
Shock
Moisture resistance
RoHS

-65°C to +165°C
MIL-STD-202, Meth. 107, Cond. B
MIL-STD-202, Meth. 101, Cond. B
MIL-STD-202, Meth. 204, Cond. B
MIL-STD-202, Meth. 213, Cond. I
MIL-STD-202, Method 106
compliant

Packing

Single or 100