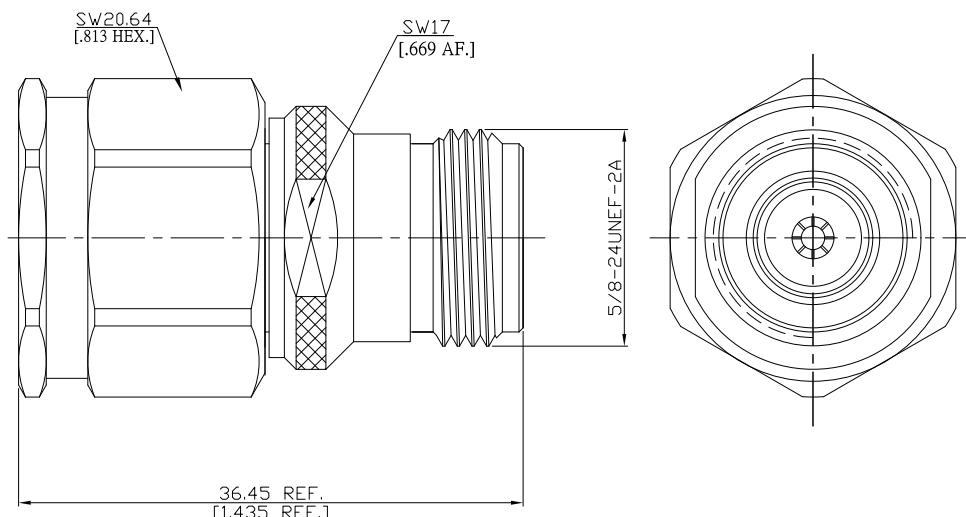


SC plug (male) / N jack (female)  
Straight Adaptor DC-11 GHz VSWR ≤ 1.25

**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 SC side  
Mating cycles Screw-lock  
≥ 500

N side  
Screw-lock  
≥ 500

### 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, Method 106  
RoHS compliant

### Packing

Single or 100