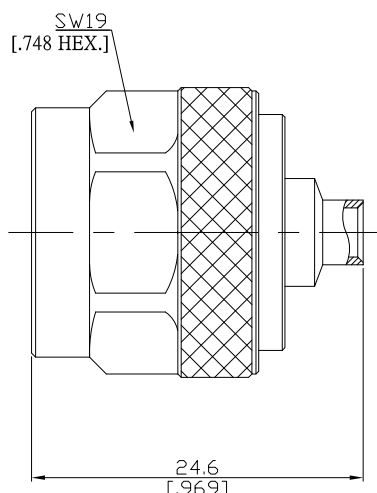




N(Male) Straight Cable Plug

N1E50-0085A/144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

IEC 60169-16; MIL-STD-348A/304

**Electrical Data**

Impedance

50  $\Omega$

Frequency

DC to 12 GHz

VSWR (Return Loss)

$\leq 1.20$  ( $\geq 20.83$  dB)

Insertion Loss

$\leq 0.05$

Working voltage (at sea level)

500 V rms

- Limitations are possible due to the used cable type and manufacturing method -

**Mechanical Data**

Coupling mechanisms

Screw-lock

Centre contact

Soldered

Cable entry

Soldered

**Environmental Data**

Temperature range

-65°C to +165°C

RoHS

compliant

**Material And Plating**

Connector parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Body	Brass	Copper-Tin-Zinc Alloy
Barrel	Brass	Gold plating(Nickel underplated)

**Suitable Cables**

RSR-086, RSF-086, RSF-086-FEP, RSF-086-PVC, RF-405, Belden 1671A, Belden 1671J

**Packing**

Single or 100