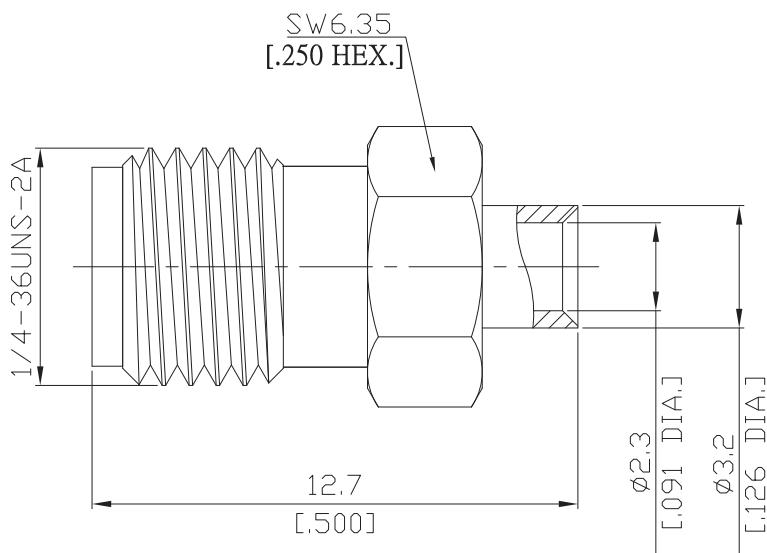


SMA Straight Cable Jack

SMA2E50-0085A/99



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.20 (≥ 20.83 dB)

Insertion Loss

$\leq 0.03 \times \sqrt{F} \text{ (GHz)} \text{ dB}$

- Limitations are possible due to the used cable type -

Mechanical Data

Coupling mechanisms

Screw-lock

Centre contact

Soldered or Crimped

Cable entry

Soldered

Environmental Data

Temperature range

-65 °C to +165 °C

RoHS

compliant

Material And Plating

Connector parts

Material

Plating

Centre contact

Beryllium Copper

Gold plating (Nickel underplated)

Body

Beryllium Copper

Gold plating (Nickel underplated)

Insulator

PTFE

Suitable Cables

RSR-086, RSF-086, RSF-086-FEP, RSF-086-PVC, RG-405; BELDEN 1671A; BELDEN 1671J

Packing

Single or 100