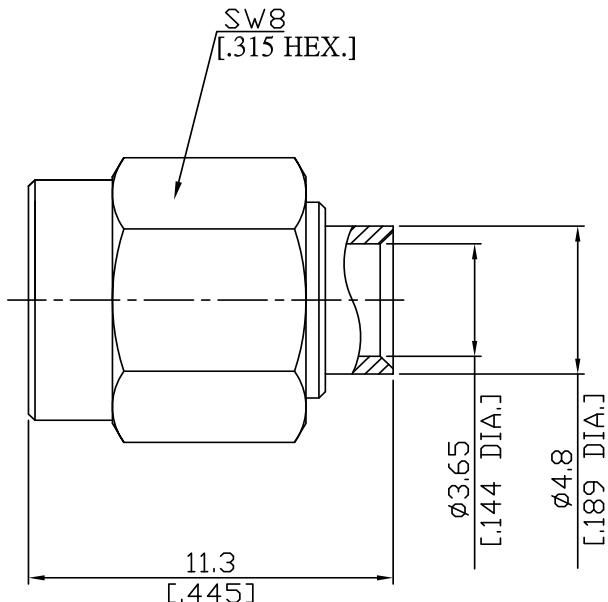


SMA Straight Cable Plug

SMA1E50-0141A/1QX



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

 $\leq 0.05 \times \sqrt{F \text{ (GHz)}} \text{ dB}$
- Limitations are possible due to the used cable type and manufacturing process -
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

Stainless Steel

Gold plating(Nickel underplated)

Insulator

PTFE

Gasket

Silicone Rubber

Coupling nut

Stainless Steel

Passivated

Suitable Cables

RSR-141, RSF-141, RSF-141-FEP, UT 141, RG 402/U, RTK-FS 141, RTK-Flex 402, BELDEN 1673A

Packing

Single or 100