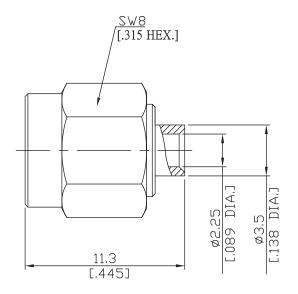


Technical Data Sheet

SMA Straight Cable Plug

SMA1E50-0085A/1QQ



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

L. C

MIL-C-39012; MIL-STD-348A/310

Electrical Data

Impedance Frequency

VSWR (Return Loss) Insertion Loss

DC to 18 GHz $\leq 1.2 \ (\geq 20.83 \ dB)$ $\leq 0.04 \ x \sqrt{F(GHz)} \ dB$

- Limitations are possible due to the used cable type -

Mechanical Data

Coupling mechanisms
Centre contact

Cable entry

Screw-lock

50 Ω

Soldered or Crimped

Soldered

Environmental Data

Temperature range RoHS -65°C to +165°C 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	Gold plating(Nickel underplated)

Suitable Cables

RSR-085, RSF-085, RSF-085-FEP, UT 85, RG 405/U, RTK- FS 085, RTK- Flex 405, BELDEN 1671A

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our
knowledge, but they are intended for general informational purposes only
In the effort to improve our products, we reserve the right to make changes
judged to be necessary.

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