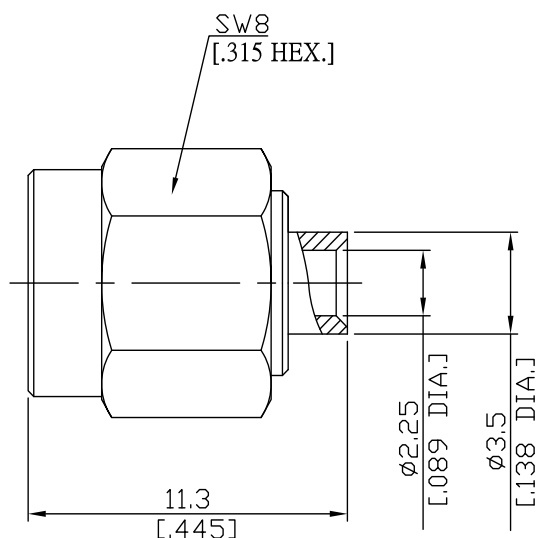




SMA Straight Cable Plug

SMA1E50-0085A/144



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 (≥ 20.8 dB)
Insertion Loss ≤ 0.04 x √F (GHz) 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	Brass	Copper-Tin-Zinc-Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc-Alloy

Suitable Cables

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

Packing

Single or 100