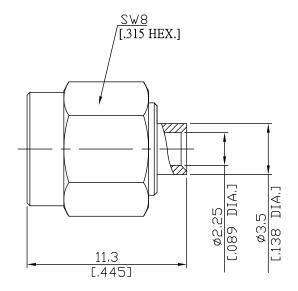


Technical Data Sheet

SMA Straight Cable Plug

SMA1E50-0085A/11X



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 Frequency VSWR (Return Loss)

Insertion Loss

50 Ω DC to 18

DC to 18 GHz ≤ 1.20 (≥ 20.8 dB) ≤ 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 RoHS -65°C to +165°C

compliant

Material And Plating

S		
Connector parts	Material	Plating
Centre contact	Brass	Gold plating (Nickel underplated)
Body	Brass	Gold plating (Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated

Suitable Cables

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

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology	Page
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