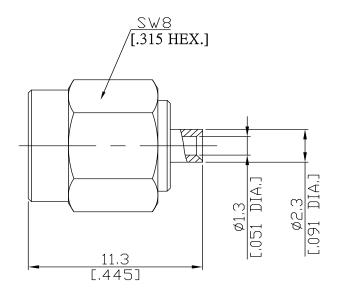


Technical Data Sheet

SMA Straight Cable Plug

SMA1E50-0047A/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

50 Ω

Frequency DC to 26.5 GHz VSWR (Return Loss) $\leq 1.20 \ (\geq 20.83 \ dB)$ Insertion Loss $\leq 0.04 \times \sqrt{F \ (GHz) \ dB}$

- Limitations are possible due to the used cable type and manufacturing method -

Mechanical Data

Coupling mechanisms

Screw-lock

Centre contact

Soldered or Crimped

Cable entry

Soldered

Environmental Data

Temperature range RoHS

-65°C to +165°C compliant

Material And Platina

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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-047, RSF-047, RSF-047-FEP, RSF-047-PVC

Packing

Single or 100

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

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