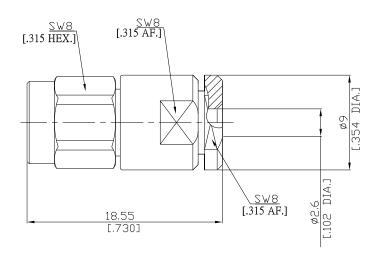


Technical Data Sheet

SMA Straight Cable Clamp Plug

SMA1D50-G316A/111



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 12.4 GHz

≤ 1.04 (≥ 34.2 dB), DC to 1 GHz

 \leq 1.05 (\geq 32.3 dB), 1 to 2.5 GHz

 \leq 1.20 (\geq 20.1 dB), 2.5 to 5 GHz

 \leq 0.03 x \sqrt{F} (GHz) dB, DC to 5 GHz

- Limitations are possible due to the used cable type

Mechanical Data

Coupling mechanisms Centre contact

Cable entry

Screw-lock

Soldered or Crimped

Clamp

Environmental Data

Temperature range RoHS

-65°C to +165°C compliant

Material And Platina

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

Suitable Cables

RG-174, RG-188A, RG-316, LMR-100, RNL-100, BELDEN 7805

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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