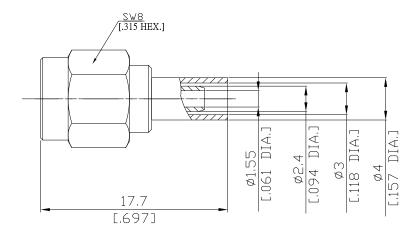


### Technical Data Sheet

# SMA Straight Cable Plug

## SMA1C50-D316A/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

DC to 6 GHz ≤ 1.20 (≥ 20.83 dB) ≤ 0.03 x √F (GHz) dB

50 Ω

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

#### Mechanical Data

Coupling mechanisms

Centre contact

Cable entry

Screw-lock

Crimped

Crimped

#### Environmental Data

Temperature range -65°C to +165°C compliant

#### Material And Plating

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)
Crimp ferrules	Brass	Gold plating(Nickel underplated)

#### Suitable Cables

RG 188, RG 316-d

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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