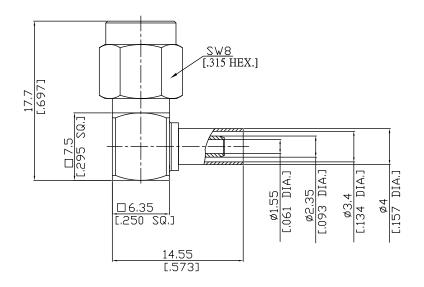


## Technical Data Sheet

# SMA Right Angle Cable Plug

## SMA1C59-D316A/111



All dimensions are in mm [inch]

#### Interface

According to

IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

### Electrical Data

Impedance Frequency

Insertion Loss

VSWR (Return Loss)

50 Ω

DC to 12.4 GHz

≤ 1.04 (≥ 34.15 dB), DC to 1 GHz  $\leq$  1.05 ( $\geq$  32.26 dB), 1 to 2.5 GHz

 $\leq$  1.20 ( $\geq$  20.83 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 Crimped

## Environmental Data

Temperature range

RoHS

-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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