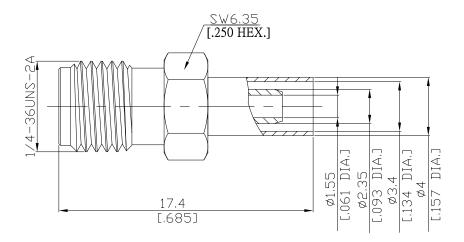


### Technical Data Sheet

# SMA Straight Cable Jack

## SMA2C50-D316A/9X



All dimensions are in mm [inch]

#### Interface

According to

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

#### Electrical Data

Impedance Frequency 50 Ω

VSWR (Return Loss)

DC to 12.4 GHz

 $\leq$  1.04 ( $\geq$  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

Screw-lock

Centre contact

Insertion Loss

Soldered or Crimped

Cable entry

Crimped

#### **Environmental Data**

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

compliant

#### Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Crimp ferrules	Brass	Copper-Tin-Zinc Alloy

#### 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	Nev	Rosnol RF/Microwave Technology www.rosnol.com ; info@rosnol.com
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