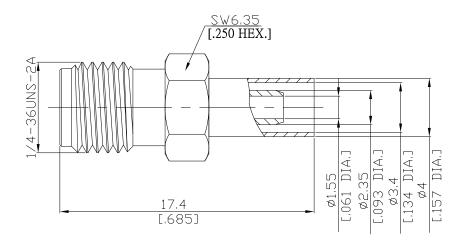


Technical Data Sheet

SMA Straight Cable Jack

SMA2C50-D316A/91



All dimensions are in mm [inch]

Interface

According to

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

Electrical Data

Impedance Frequency

nev

VSWR (Return Loss)

DC to 12.4 GHz \leq 1.04 (\geq 34.15 dB), DC to 1 GHz

50 Ω

 $\leq 1.05 \ (\geq 32.26 \ dB), 1 to 2.5 \ GHz$

 \leq 1.20 (\geq 20.83 dB), 2.5 to 5 GHz

Insertion Loss

 \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 Soldered or Crimped

Centre contact

Crimped

Cable entry

RoHS

Environmental Data

Temperature range

-65°C to +165°C

compliant

Material And Platina

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
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	Date
judged to be necessary.	19/

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