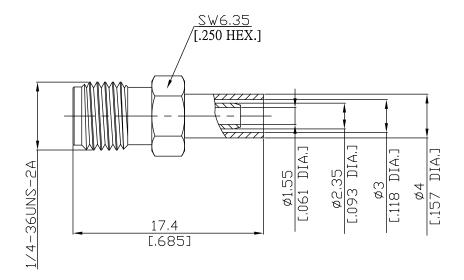


Technical Data Sheet

SMA Straight Cable Jack

SMA2C50-G316A/9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

L. C

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

Electrical Data

Impedance 50Ω

Frequency DC to 12.4 GHz

VSWR (Return Loss) ≤ 1.04 (≥ 34.2 dB), DC to 1 GHz ≤ 1.05 (≥ 32.3 dB), 1 to 2.5 GHz

 \leq 1.20 (\geq 20.8 dB), 2.5 to 5 GHz

Insertion Loss $\leq 0.03 \times \sqrt{F(GHz)} dB$, DC to 5 GHz

- Limitations are possible due to the used cable type -

Mechanical Data

Coupling mechanisms Screw-lock

Centre contact Soldered or Crimped

Cable entry Crimped

Environmental Data

Temperature range -65°C to $+165^{\circ}\text{C}$

RoHS 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	Gold plating(Nickel underplated)

Suitable Cables

RG-174, RG-188A, RG-316, BELDEN 7805

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology	Page
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In the effort to improve our products, we reserve the right to make changes	Date:	Phone:+886-3-463-5095	1/1
judged to be necessary.	19/11/10	Fax:+886-3-463-5952	1/ 1