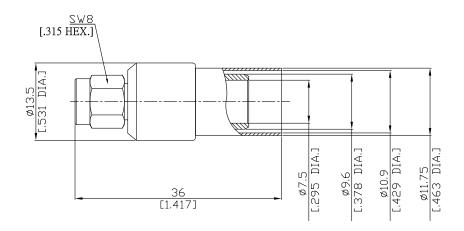


Technical Data Sheet

SMA Straight Cable Plug

SMA1C50-G213A/133



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

50 Ω

Frequency

DC to 11 GHz

VSWR (Return Loss)

≤ 1.07 (≥ 29.4 dB), DC to 2.5 GHz $\leq 1.08 \ (\geq 28.3 \text{ dB}), 2.5 \text{ to } 4 \text{ GHz}$

≤ 1.22 (≥ 20.1 dB), 4 to 8 GHz

Insertion Loss

≤ 0.05 dB, DC to 8 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 RoHS

-65°C to +165°C

compliant

Material And Plating

Connector parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Crimp ferrules	Brass	Nickel

Suitable Cables

RG 213

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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