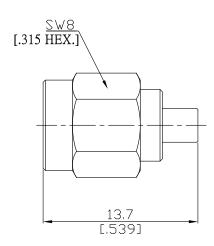


Technical Data Sheet

SMA Straight Cable Plug

SMA1C50-G178A/111



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

Interface

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

Electrical Data

Impedance 50 Ω
Frequency DC to 6 GHz

VSWR (Return Loss) \leq 1.12 (\geq 24.9 dB), DC to 1 GHz

 \leq 1.22 (\geq 20.1 dB), 1 to 3 GHz \leq 1.29 (\geq 17.9 dB), 3 to 6 GHz

Insertion Loss $\leq 0.1 \times \sqrt{F(GHz)} dB$

- Digressions are possible due to the used cable type or manufacturing process -

Mechanical Data

Coupling mechanisms Screw-lock

Centre contact Soldered or Crimped

Cable entry Crimped

Environmental Data

Temperature range

RoHS compliant

Material And Plating

Piece 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 178, RG 196

-65°C to +165°C

Packing

Single or 100

ı	The facts and figures herein are carefully compiled to the best of our	
	knowledge, but they are intended for general informational purposes only.	
ı	In the effort to improve our products, we reserve the right to make changes	Date
	judged to be necessary.	19/

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