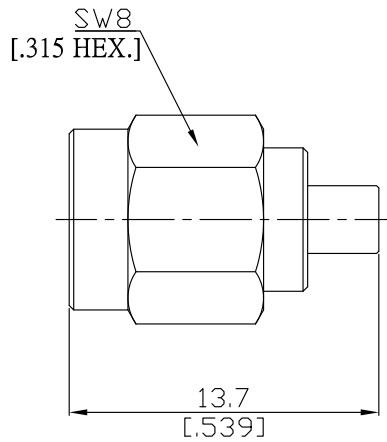


SMA Straight Cable Plug

SMA1C50-G178A/111



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 6 GHz
 VSWR (Return Loss) ≤ 1.12 (≥ 24.9 dB), DC to 1 GHz
 ≤ 1.22 (≥ 20.1 dB), 1 to 3 GHz
 ≤ 1.29 (≥ 17.9 dB), 3 to 6 GHz
 Insertion Loss ≤ 0.1 × √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 -65°C to +165°C
 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

Packing

Single or 100