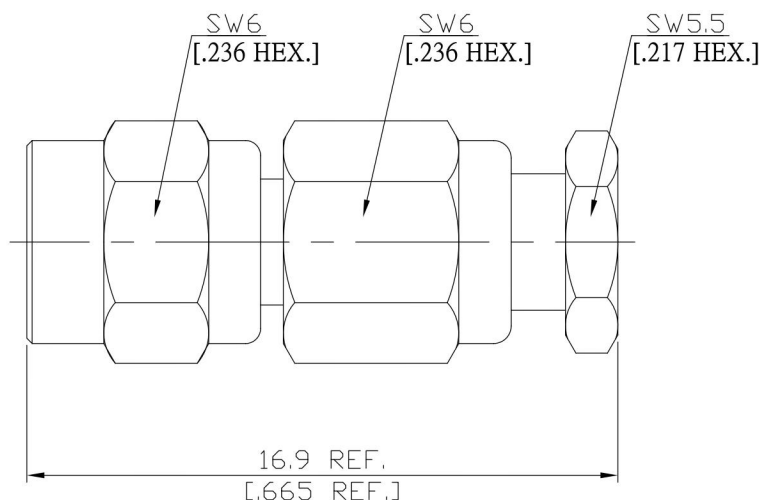


SMC Straight Cable Plug

SMC1D50-G316A/911



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

IEC 60169-9; CECC 22140; MIL-C-39012; MIL-STD-348A/312

**Electrical Data**

Impedance

50 Ω

Frequency

DC to 10 GHz

VSWR (Return Loss)

≤ 1.22 (≥ 20dB)

Insertion Loss

≤ 0.05 dB

- Limitations are possible due to the used cable type and manufacturing process -

**Mechanical Data**

Coupling mechanisms

Screw-lock

Centre contact

Soldered

Cable entry

Clamped

**Environmental Data**

Temperature range

-65°C to +165°C

RoHS

compliant

**Material And Plating**

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

**Suitable Cables**

RG-174, RG-188, RG-188A, RG-316

**Packing**

Single or 100