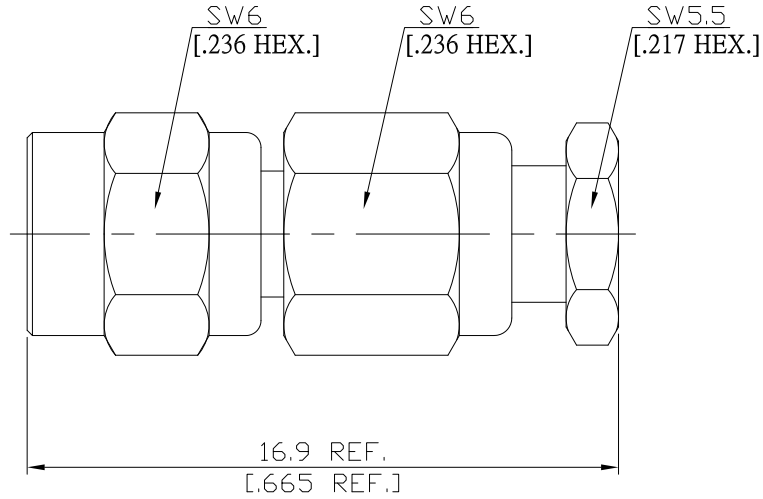


SMC Straight Cable Plug

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-188A, RG-316, LMR-100, RNL-100, BELDEN 7805

Packing

Single or 100