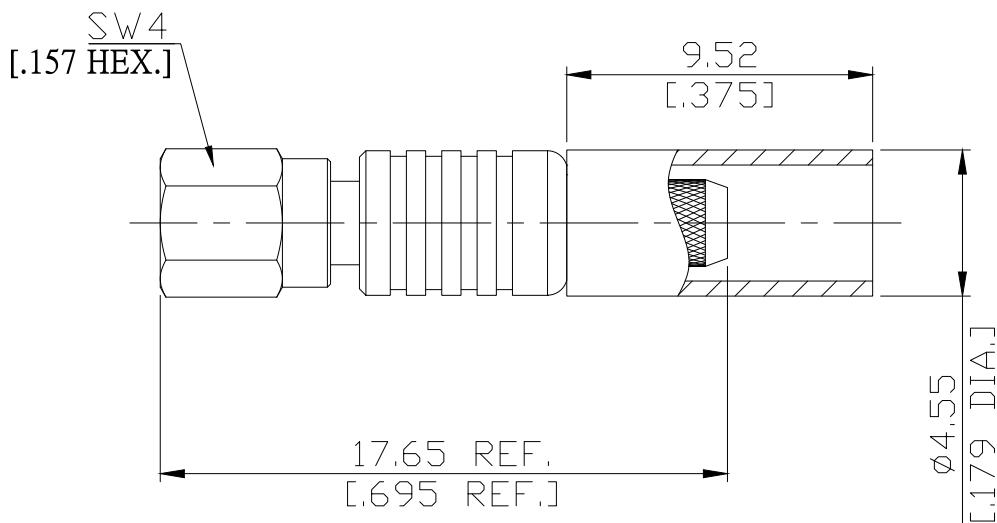


SSMC Straight Cable Plug DC-6GHz VSWR1.38

SSMC1C50-D316A / 911



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-20, MIL-STD-348A/310

Electrical Data

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR (Return Loss)	≤ 1.38 (≥ 15.9 dB)
Insertion Loss	≤ 0.3 x √F (GHz) dB
Insulation Resistance	≥ 5 GΩ
Center contact resistance	≤ 5 mΩ
Outer contact resistance	≤ 1 mΩ
Dielectric Withstanding Voltage	750 V rms
Working Voltage (at sea level)	250 V rms

Material And Plating

Piece Parts	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Crimp ferrules	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)

SSMC Straight Cable Plug DC-6GHz VSWR1.38

SSMC1C50-D316A / 911

Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Coupling Nut Retention	N/A
Cable Retention Force	RG316:100 N

Environmental Data

Temperature Range	-65°C to +165°C
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition B
RoHS	compliant

Packing

Single or 100