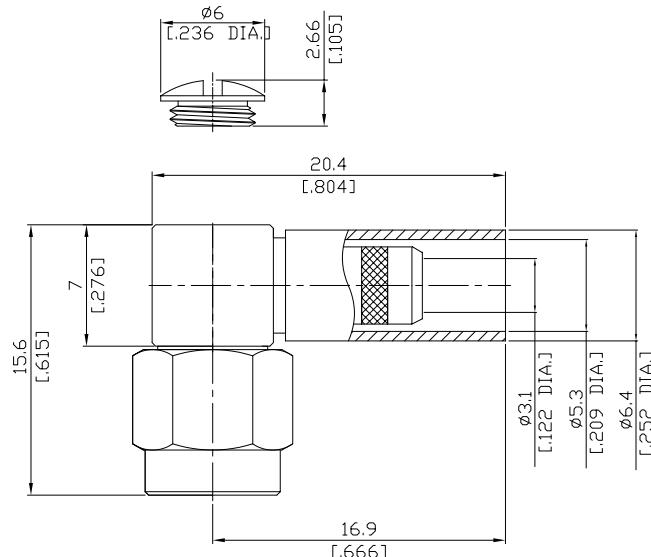



**SMA (Male) Right Angle Cable Plug,  
DC-3 GHz, VSWR ≤1.20**
**SMA1C59-G058A/911**


All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

IEC 60169-15; MIL-STD-348B/310

**Electrical Data**

Impedance	50 Ω
Frequency	DC to 3 GHz
VSWR (Return Loss)	≤ 1.20 (≥ 20.83 dB)
Insertion Loss	≤ 0.04 x $\sqrt{F}$ (GHz) dB

*- limitations are possible due to the used cable type and manufacturing process -*
**Mechanical Data**

Coupling mechanisms	Screw-lock
Centre contact	Soldered
Cable entry	Crimped

**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	
Gasket	Silicone Rubber	
Coupling nut	Brass	Gold plating(Nickel underplated)
Crimp ferrules	Brass	Gold plating(Nickel underplated)

**Suitable Cables**

RG 58, RG 58A, RG 58C, RG 141, RG 303, BELDEN 7806A, BELDEN 9907, LMR 195, RNL-195

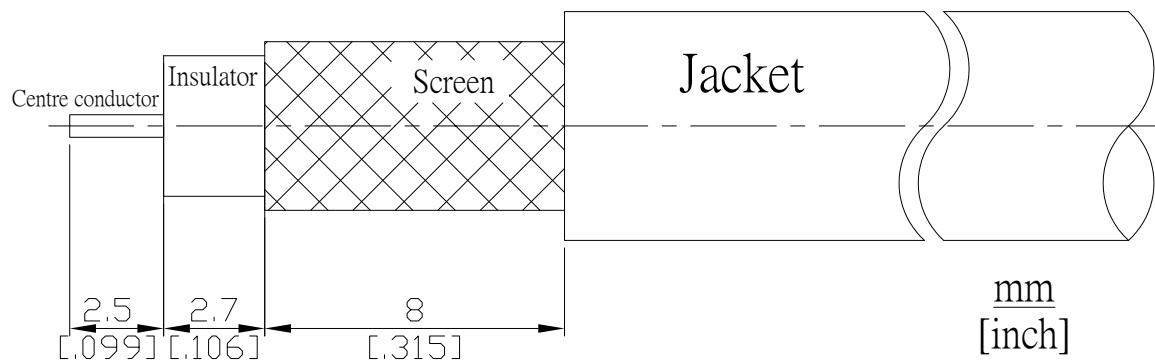
**Packing**

Single, 5-pack, or 100

SMA (Male) Right Angle Cable Plug,  
DC-3 GHz, VSWR ≤1.20

SMA1C59-G058A/911

## Recommended Cable Stripping Dimensions



## Crimp Dimensions [HEX]

Crimp ferrule

5.41mm [.213 inch]