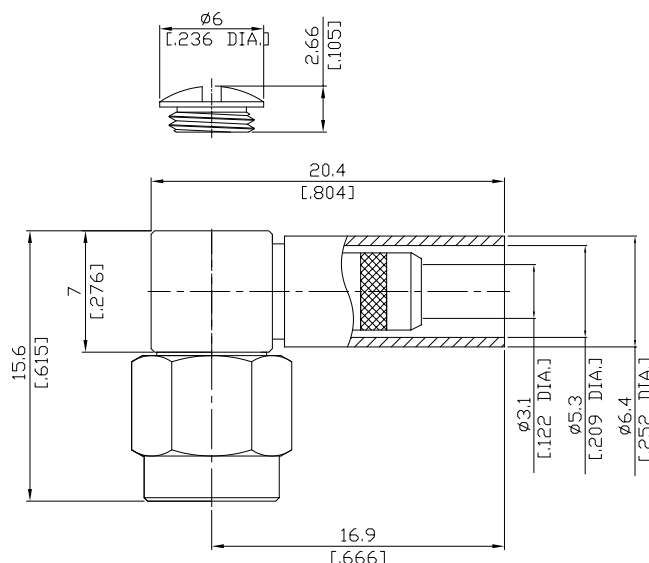


SMA (Male) Right Angle Cable Plug,
DC-3 GHz, VSWR ≤1.20

SMA1C59-G058A/944



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 × √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	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Crimp ferrules	Brass	Copper-Tin-Zinc Alloy

Suitable Cables

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

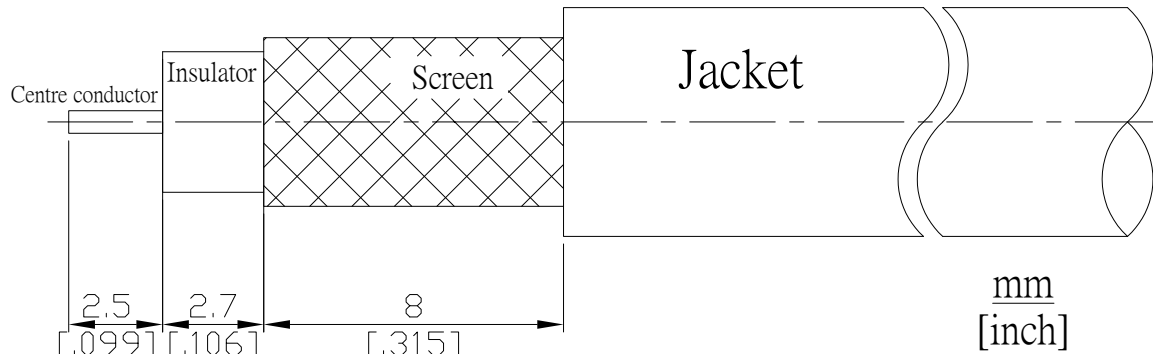
Packing

Single, 5-pack, or 100

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

SMA1C59-G058A/944

Recommended Cable Stripping Dimensions



Crimp Dimensions [HEX]

Crimp ferrule 5.41 mm [.213 inch]