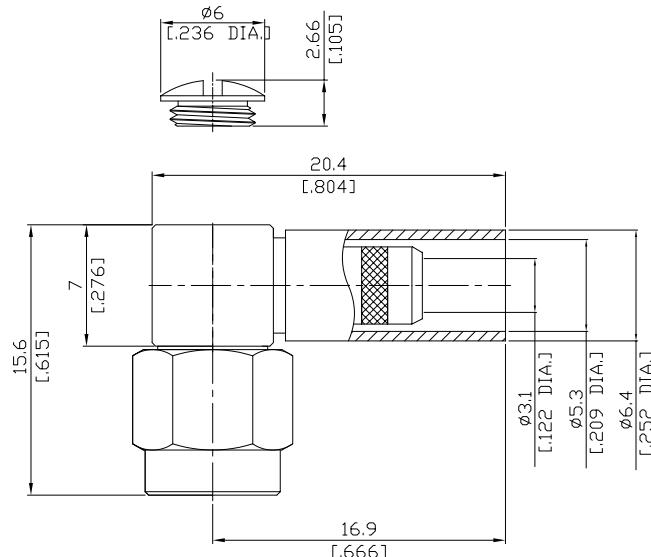



**SMA(Male, RP) Right Angle Cable
Reverse Polarity Plug**
SMA5C59-G058A/944


All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

Derived from

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

Electrical Data

Impedance 50 Ω

Frequency DC to 3 GHz

 VSWR (Return Loss) ≤ 1.20 (≥ 20.83 dB)

 Insertion Loss $\leq 0.04 \times \sqrt{f} \text{ (GHz)}$ 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

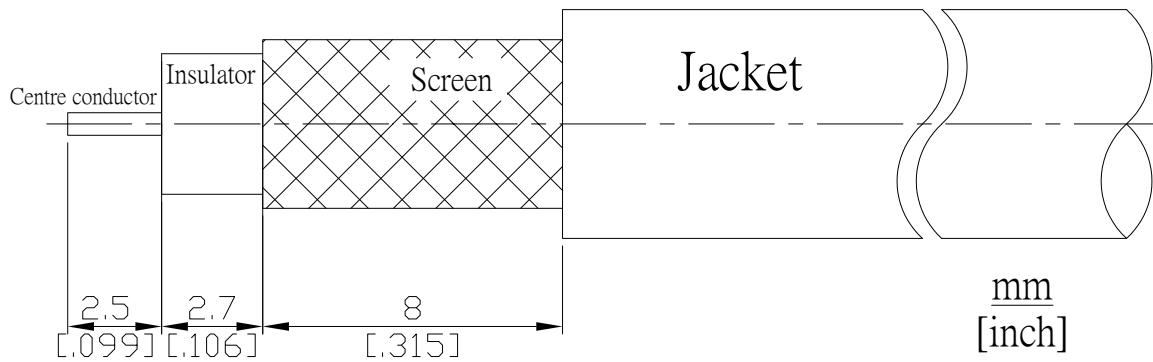
Single, 5-pack, or 100



SMA(Male, RP) Right Angle Cable
Reverse Polarity Plug

SMA5C59-G058A/944

Recommended Cable Stripping Dimensions



Crimp Dimensions [HEX]

Crimp ferrule

5.41mm [.213 inch]