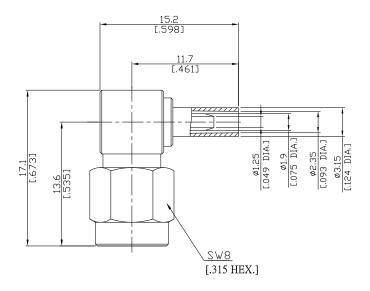


Technical Data Sheet

SMA Right Angle Cable Plug

SMA1C59-G178A/111



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

Electrical Data

Impedance

Insertion Loss

50 Ω

Frequency

DC to 6 GHz

VSWR (Return Loss)

 \leq 1.30 (\geq 17.7 dB), DC to 6 GHz

≤ 0.1 x √F (GHz) dB

- Limitations are possible due to the used cable type -

Mechanical Data

Coupling mechanismsScrew-lockCentre contactSolderedCable entryCrimped

Environmental Data

Temperature range -65°C to +165°C compliant

Material And Plating

Connector parts	Material	Plating
Centre contact	Brass	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 178, RG 196

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only	
In the effort to improve our products, we reserve the right to make changes	
judged to be necessary.	19/11

Kev -	Rosnol RF/Microwave Technology www.rosnol.com ; info@rosnol.com
	Phone:+886-3-463-5095 Fax:+886-3-463-5952