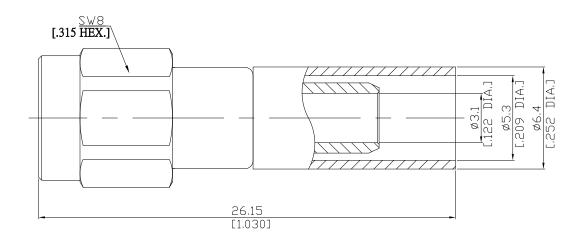


Technical Data Sheet

SMA Straight Cable Plug

SMA1C50-G058A/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

50 Ω Impedance Frequency DC to 6 GHz

≤ 1.20 (≥ 20.83 dB), DC to 5 GHz VSWR (Return Loss) \leq 0.04 x \sqrt{F} (GHz) dB, DC to 5 GHz Insertion Loss

- Limitations are possible due to the used cable type and manufacturing process

Mechanical Data

Coupling mechanisms

Centre contact

Cable entry

RoHS

Screw-lock

Soldered or Crimped

Crimped

Environmental Data

Temperature range

-65°C to +165°C compliant

Material And Platina

3		
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 58, RG 58A, RG 58C, RG 141, RG 303, BELDEN 7806A, BELDEN 9907, LMR 195, RNL-195

Packing

Single, 5-pack, 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.	1	Rosnol RF/Microwave Technology www.rosnol.com; info@rosnol.com	Page
In the effort to improve our products, we reserve the right to make changes judged to be necessary.	20 (22 (20	Phone: +886-3-463-5095 / Fax:+886-3-463-5952 N-CAGE Code: SFKKO	1/2

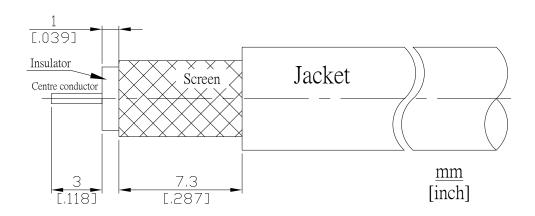


Technical Data Sheet

SMA Straight Cable Plug

SMA1C50-G058A/111

Recommended Cable Stripping Dimensions



Crimp Dimensions [HEX]

Crimp ferrule Centre contact 5.41 mm [.213 inch] 1.73 mm [.068 inch]