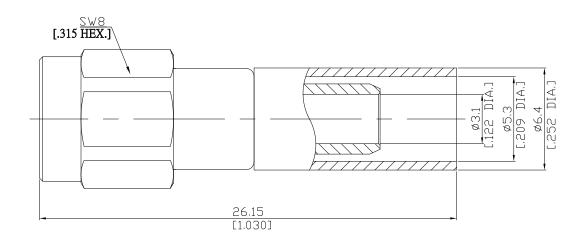


Technical Data Sheet

SMA Straight Cable Plug

SMA1C50-G058A/133



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

Interface

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

Electrical Data

Impedance

50 Ω

Frequency

DC to 6 GHz

VSWR (Return Loss)
Insertion Loss

 \leq 1.20 (\geq 20.83 dB), DC to 5 GHz \leq 0.04 x \sqrt{F} (GHz) dB, DC to 5 GHz

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

Mechanical Data

Coupling mechanisms

Screw-lock

Centre contact

Soldered or Crimped

Cable entry Crimped

Environmental Data

Temperature range

RoHS

-65°C to +165°C

compliant

Material And Plating

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Connector parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Crimp ferrules	Brass	Nickel

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.	1.0 (1.1 (1.0	Phone: +886-3-463-5095 / Fax:+886-3-463-5952 N-CAGE Code: SFKKO	1/2

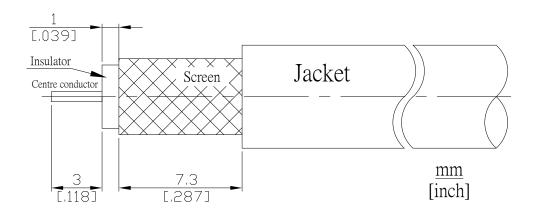


Technical Data Sheet

SMA Straight Cable Plug

SMA1C50-G058A/133

Recommended Cable Stripping Dimensions



Crimp Dimensions [HEX]

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