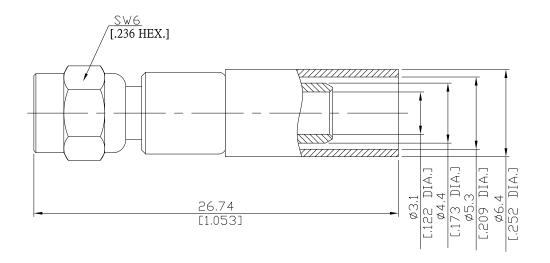


Technical Data Sheet

SMC (Male) Straight Cable Plug

SMC1C50-G058A/H44



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-9; MIL-STD-348B/312

Electrical Data

Impedance Frequency

50 Ω DC to 6 GHz

VSWR (Return Loss)

≤ 1.22 (≥ 20,08 dB)

Insertion Loss $\leq 0.05 \text{ dB}$ - Limitations are possible due to the used cable type and manufacturing process -

Mechanical Data

Coupling mechanisms

Centre contact

Screw-lock

Soldered or Crimped Cable entry

Crimped

Environmental Data

Temperature range RoHS

-65°C to +165°C compliant

Material And Plating

Connector parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
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 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.

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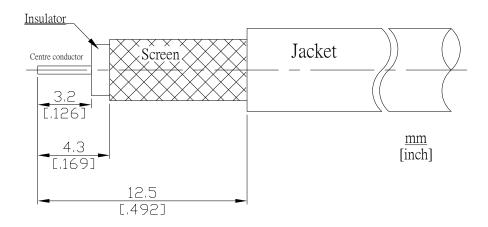


Technical Data Sheet

SMC (Male) Straight Cable Plug

SMC1C50-G058A/H44

Recommended Cable Stripping Dimensions



Crimp Dimensions [HEX]

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