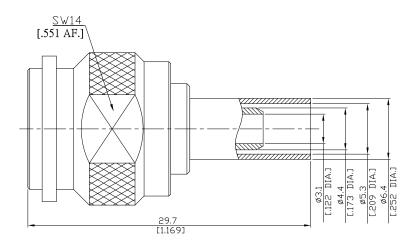


Technical Data Sheet

TNC Straight Cable Plug

TNC1C50-G058A/144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

MIL-C-39012; MIL-STD-348A/313

Electrical Data

Impedance Frequency

VSWR (Return Loss)

50 Ω

DC to 11 GHz

 \leq 1.07 (\geq 30 dB), DC to 2.5 GHz \leq 1.22 (\geq 20 dB), 2.5 to 4 GHz

≤ 1.29 (≥ 18 dB), 4 to 6 GHz

Insertion Loss $\leq 0.05 \times \sqrt{F \text{ (GHz)}} \text{ dB, DC to 6 GHz}$

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

Mechanical Data

Coupling mechanisms
Centre contact
Cable entry

Screw-lock Soldered Crimped

Environmental Data

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

Material And Platina

-		
Connector parts	Material	Plating
Centre contact	Brass	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

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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