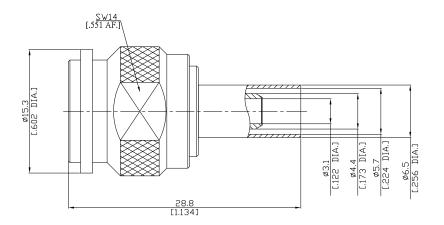


Technical Data Sheet

TNC Straight Cable Plug

TNC1C50-G142B/1XX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-17; MIL-STD-348A/313

Electrical Data

Impedance

50 Ω DC to 11 GHz

Frequency VSWR (Return Loss)

≤ 1.07 (≥ 29.4 dB), DC to 2.5 GHz

 \leq 1.22 (\geq 20.1 dB), 2.5 to 4 GHz ≤ 1.29 (≥ 17.9 dB), 4 to 6 GHz

Insertion Loss

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

5		
Connector parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Crimp ferrules	Brass	Copper-Tin-Zinc Alloy

Suitable Cables

RG-55, RG-142, RG-223, RG-400

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.
In the effort to improve our products, we reserve the right to make changes
judged to be necessary.

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9/11/10	N-CAGE Code: SEKKO