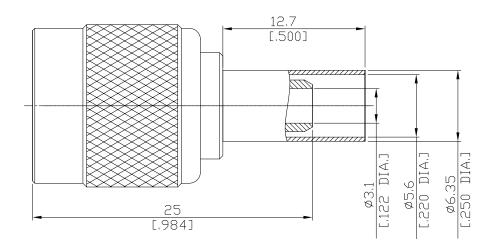


Technical Data Sheet

TNC Straight Cable Plug

TNC1C50-G142A/144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

Interferee

IEC 60169-17; MIL-STD-348A/313

Electrical Data

Impedance 50Ω FrequencyDC to 6 GHzVSWR (Return Loss) $\leq 1.29 (\geq 17.9 \text{ dB})$ Insertion Loss $\leq 0.05 \times \sqrt{F \text{ (GHz)}} \text{ dB}$

- 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 -65 °C to +165 °C RoHS compliant

Material And Plating

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-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	Rev · 1 ()	R
knowledge, but they are intended for general informational purposes only.		W
In the effort to improve our products, we reserve the right to make changes	Date:	Pl
judged to be necessary.	19/11/10	IN

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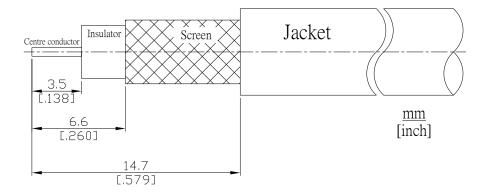


Technical Data Sheet

TNC Straight Cable Plug

TNC1C50-G142A/144

Recommended Cable Stripping Dimensions



Crimp Dimensions [HEX]

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