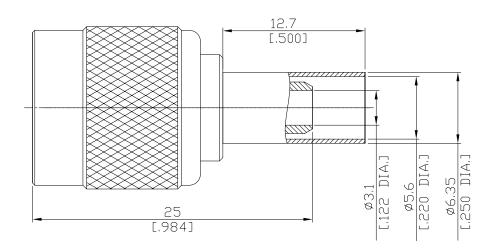


Technical Data Sheet

TNC Straight Cable Plug

TNC1C50-G142A/1XX



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

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

Interferee

Electrical Data

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to 6 GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.29 \ (\geq 17.9 \ \mbox{dB}) \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{x} \ \sqrt{\mbox{F (GHz)}} \ \mbox{dB} \end{array}$

- 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	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.		Rosnol RF/Microwave Technology www.rosnol.com; info@rosnol.com
In the effort to improve our products, we reserve the right to make changes	l	Phone: +886-3-463-5095 / Fax:+886-3-463-5952
judged to be necessary.	19/11/10	NLCAGE Code: SEKKO

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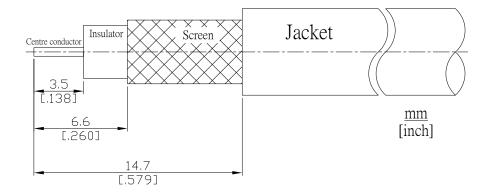


Technical Data Sheet

TNC Straight Cable Plug

TNC1C50-G142A/1XX

Recommended Cable Stripping Dimensions



Crimp Dimensions [HEX]

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