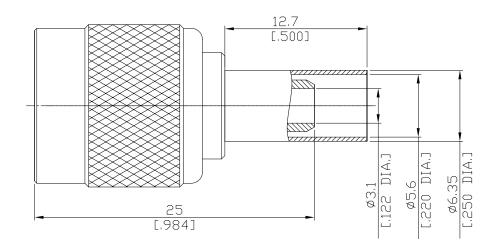


Technical Data Sheet

TNC Straight Cable Plug

TNC1C50-G142A/144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

Interface

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

Electrical Data

Impedance Frequency VSWR (Return Loss) Insertion Loss 50 Ω DC to 6 GHz $\leq 1.29 (\geq 18 \text{ dB})$ $\leq 0.05 \times \sqrt{F \text{ (GHz)}} \text{ dB}$

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

Mechanical Data

Coupling mechanisms
Centre contact

Screw-lock

Soldered or Crimped

Crimped

Environmental Data

Temperature range RoHS

Cable entry

-65°C to +165°C 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 |
|---|
| 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. |

| 1 1/671.0 | Rosnol RF/Microwave Technology <u>www.rosnol.com</u> ; info@rosnol.com | |
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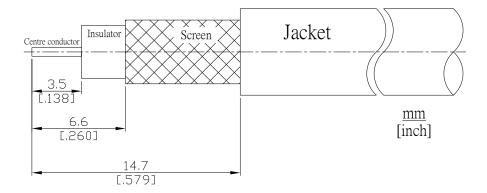


Technical Data Sheet

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]