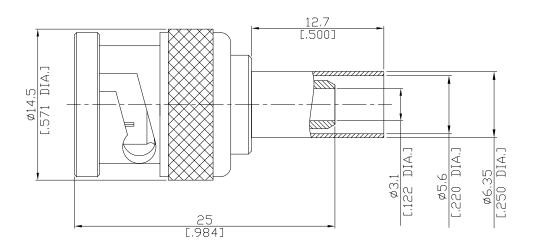


Technical Data Sheet

BNC Straight Cable Plug

BNC1C50-G142A/144



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface According to

Interface

IEC 60169-8; MIL-STD-348A/301

Electrical Data

 $\begin{array}{ll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to} \ 4 \ \mbox{GHz} \\ \mbox{VSWR} \ (\mbox{Return Loss}) & \leq 1.22 \ (\geq 20.1 \ \mbox{dB}) \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{dB} \end{array}$

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

Mechanical Data

Coupling mechanismsBayonet-lockCentre contactSoldered or CrimpedCable entryCrimped

Environmental Data

Temperature range RoHS -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 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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|---------|--|
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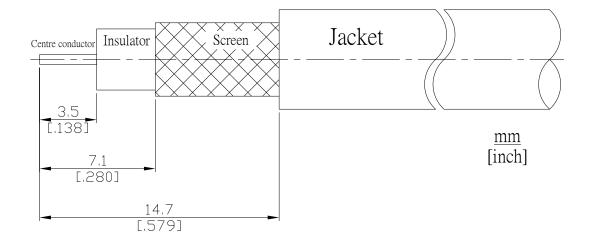


Technical Data Sheet

BNC Straight Cable Plug

BNC1C50-G142A/144

Recommended Cable Stripping Dimensions



Crimp Dimensions [HEX]

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