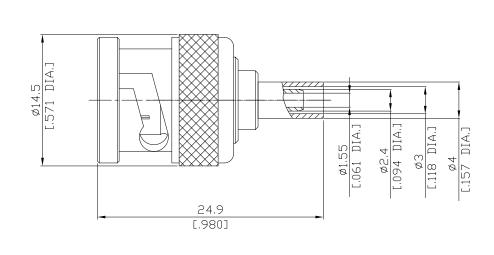


## Technical Data Sheet

## BNC Straight Cable Plug

## BNC1C50-G316A/144



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

Interface

According to

| Electrical Data    |  |
|--------------------|--|
| Impedance          |  |
| Frequency          |  |
| VSWR (Return Loss) |  |
| Insertion Loss     |  |

IEC 60169-8; MIL-C-39012; MIL-STD-348A/301

50 Ω DC to 4 GHz ≤ 1.20 (≥ 20.8 dB) ≤ 0.05 x √ F (GHz) dB

In the effort to improve our products, we reserve the right to make changes Date:

judged to be necessary.

| - Limitations are possible due to the used cable type -  |                                      |                                  |  |
|--|--------------------------------------|----------------------------------|--|
| Mechanical Data  |                                      |                                  |  |
| Coupling mechanisms  | Bayonet-lock                         |                                  |  |
| Centre contact   | Crimped or Soldered                  |                                  |  |
| 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-174, RG-188A, RG-316, BELDEN 7805 |                                  |  |
| Packing  |                                      |                                  |  |
|  | <br>Single or 100                    |                                  |  |
|  |                                      |                                  |  |
|  |                                      |                                  |  |
| The facts and figures herein are carefully compiled to the best of our Rev.:- Rosnol RF/Microwave Technology |                                      |                                  |  |
| knowledge, but they are intended for general informational purposes only                                     |                                      |                                  |  |

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1/1