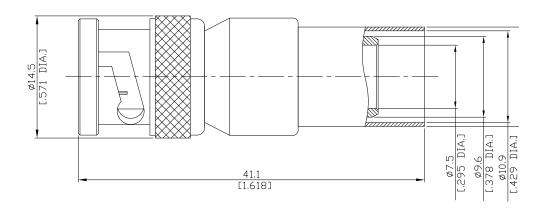


## Technical Data Sheet

# BNC Straight Cable Plug

## BNC1C50-G213A/144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface According to

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

#### Electrical Data

Impedance Frequency VSWR (Return Loss) Insertion Loss 50 Ω

DC to 4 GHz ≤ 1.22 (≥ 20.1 dB)

 $\leq 0.05 \text{ dB}$ 

- Limitations are possible due to the used cable type -

### Mechanical Data

Coupling mechanisms
Centre contact

Bayonet-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-213

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.   |  |  |

| Rev.:-   | Rosnol RF/Microwave Technology www.rosnol.com; info@rosnol.com |
|----------|--|
| Date:    | Phone:+886-3-463-5095  |
| 19/11/10 | Fax:+886-3-463-5952  |