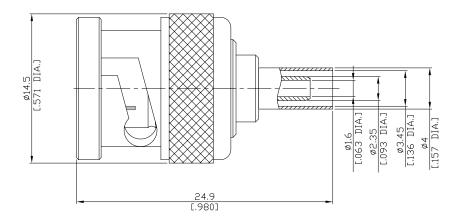


## Technical Data Sheet

## BNC Straight Cable Plug

## BNC1C50-D316A/144



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

According to

Interface

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

Electrical Data

Impedance

Frequency

Insertion Loss

VSWR (Return Loss)

50 Ω DC to 6 GHz

 $\leq$  1.09 ( $\geq$  27.3 dB), DC to 2 GHz  $\leq$  1.12 ( $\geq$  24.9 dB), 2 to 4 GHz

 $\leq$  1.22 ( $\geq$  20.1 dB), 4 to 6 GHz  $\leq$  0.05 x  $\sqrt{F}$  (GHz) dB, DC to 6 GHz

- Limitations are possible due to the used cable type -

Mechanical Data

Coupling mechanisms Centre contact Cable entry

Bayonet-lock Crimped Crimped

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 316-d, RG 188

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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