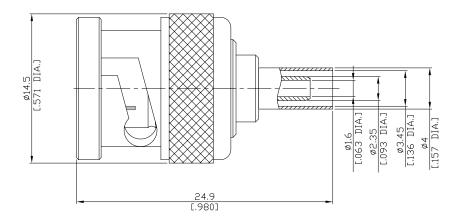


Technical Data Sheet

BNC Straight Cable Plug

BNC1C50-D316A/133



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

Interface
According to

Interface

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

Electrical Data

Impedance Frequency 50 Ω DC to 6 GHz

VSWR (Return Loss)

≤ 1.09 (≥ 27.3 dB), DC to 2 GHz ≤ 1.12 (≥ 24.9 dB), 2 to 4 GHz ≤ 1.22 (≥ 20.1 dB), 4 to 6 GHz

Insertion Loss

 $\leq 0.05 \times \sqrt{F \text{ (GHz)}} \text{ dB, DC to 6 GHz}$

- 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 $-65\,^{\circ}\text{C}$ to $+165\,^{\circ}\text{C}$ RoHS compliant

Material And Plating

Connector parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
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.

Rev.:-	Rosnol RF/Microwave Technology www.rosnol.com; info@rosnol.com
Date: Phone:+886-3-463-5095	
19/11/10	Fav:+886 3 463 5052