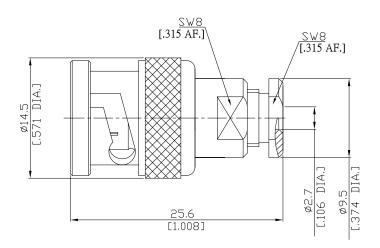


Technical Data Sheet

BNC Straight Cable Plug

BNC1D50-G316A/133



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 50Ω

Frequency DC to 6 GHz

VSWR (Return Loss) ≤ 1.09 (≥ 27.3 dB), DC to 2 GHz

≤ 1.15 (≥ 23.1 dB), 2 to 4 GHz ≤ 1.22 (≥ 20.1 dB), 4 to 6 GHz

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

- Limitations are possible due to the used cable type -

Mechanical Data

Coupling mechanisms

Bayonet-lock

Centre contact

Soldered or Crimped

Cable entry Clamp

Environmental Data

Temperature range -65°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

Suitable Cables

RG-174, RG-188A, RG-316, BELDEN 7805

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.	Kev.:-	Rosnol RF/Microwave Technology www.rosnol.com; info@rosnol.com
In the effort to improve our products, we reserve the right to make changes	Date:	Phone:+886-3-463-5095
judged to be necessary.	19/11/10	Fax:+886-3-463-5952