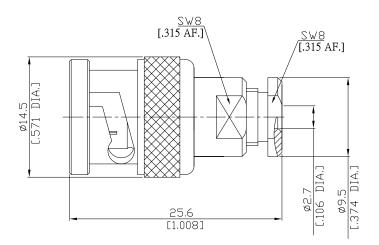


Technical Data Sheet

BNC Straight Cable Plug

BNC1D50-G316A/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 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 ≤ 0.05 x \sqrt{F} (GHz) dB, DC to 6 GHz

- Limitations are possible due to the used cable type -

Mechanical Data

Insertion Loss

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	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy

Suitable Cables

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

Packing

Single or 100

Date

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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