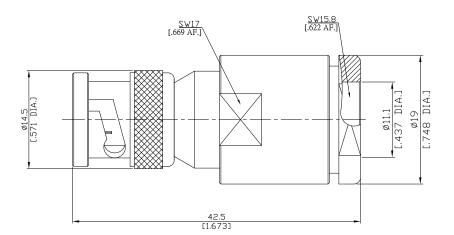


Technical Data Sheet

BNC Straight Cable Plug

BNC1D50-G214A/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)

 $50\,\Omega$ DC to $6\,\mathrm{GHz}$

≤ 1.09 (≥ 27.3 dB), DC to 1 GHz ≤ 1.22 (≥ 20.1 dB), 1 to 2 GHz

 \leq 1.38 (\geq 15.9 dB), 2 to 4 GHz

Insertion Loss

 $\leq 0.05 \times \sqrt{F \text{ (GHz)}} \text{ dB, DC to 4 GHz}$

- Limitations are possible due to the used cable type -

Mechanical Data

Coupling mechanisms
Centre contact
Cable entry

Bayonet-lock Soldered or Crimped Clamp

Environmental Data

Temperature range RoHS -65°C to +165°C compliant

Material And Plating

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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-214, RG-225, RG-393

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	Page
In the effort to improve our products, we reserve the right to make changes judged to be necessary.	Date: 19/11/10	Phone:+886-3-463-5095 Fax:+886-3-463-5952	1/1