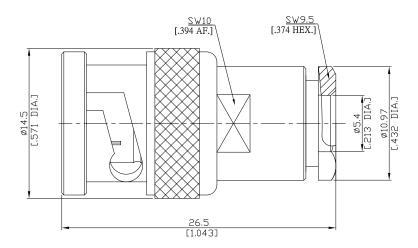


## Technical Data Sheet

# **BNC Straight Cable Plug**

## BNC1D50-G058A/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)

Insertion Loss

50 Ω

DC to 4 GHz

 $\leq$  1.09 ( $\geq$  27.3 dB), DC to 2 GHz  $\leq$  1.12 ( $\geq$  24.9 dB), 2 to 3 GHz

≤ 1.22 (≥ 20.1 dB), 3 to 4 GHz

 $\leq$  0.05 x  $\sqrt{F}$  (GHz) 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

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 58, RG 58A, RG 58C, RG 141, RG 303, BELDEN 7806A, BELDEN 9907, LMR 195

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