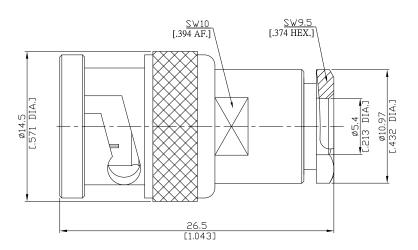


## Technical Data Sheet

# BNC Straight Cable Plug

## BNC1D50-G058A/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 Frequency

VSWR (Return 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

 $\leq$  1.22 ( $\geq$  20.1 dB), 3 to 4 GHz

Insertion Loss

 $\leq$  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

9		
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 58, RG 58A, RG 58C, RG 141, RG 303, BELDEN 7806A, BELDEN 9907, LMR 195

## Packing

Single or 100

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