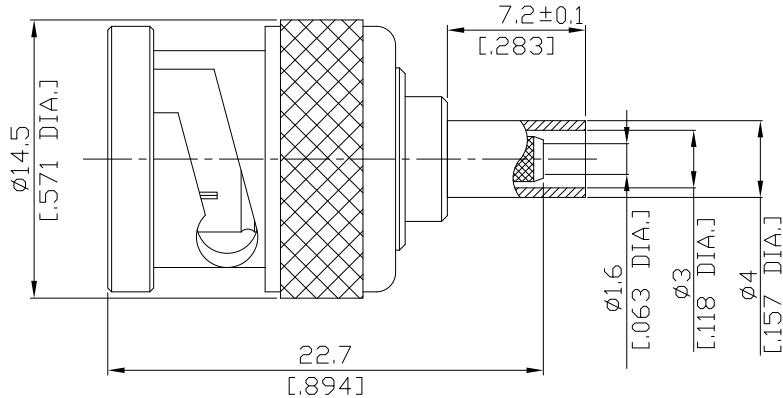




BNC(Male) Straight Cable Plug

BNC1C50-G316A/144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-8; MIL-STD-348A/301

Electrical Data

Impedance

50 Ω

Frequency

DC to 4 GHz

VSWR (Return Loss)

≤ 1.20 (≥ 20.8 dB)

Insertion Loss

$\leq 0.05 \times \sqrt{F} \text{ (GHz)}$ dB

- Limitations are possible due to the used cable type and manufacturing method -

Mechanical Data

Coupling mechanisms

Bayonet-lock

Centre contact

Crimped or Soldered

Cable entry

Crimped

Environmental Data

Temperature range

-65°C to +165°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
Crimp ferrules	Brass	Copper-Tin-Zinc Alloy

Suitable Cables

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

Packing

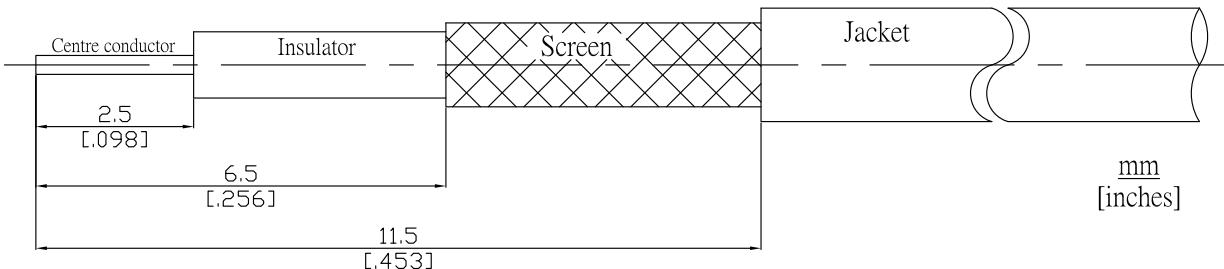
Single or 100



BNC(Male) Straight Cable Plug

BNC1C50-G316A/144

Recommended Cable Stripping Dimensions



Crimp Dimensions

Crimp ferrule
Center Contact

3.25 mm [.128 inch] HEX
0.7 mm [.028 inch] SQ