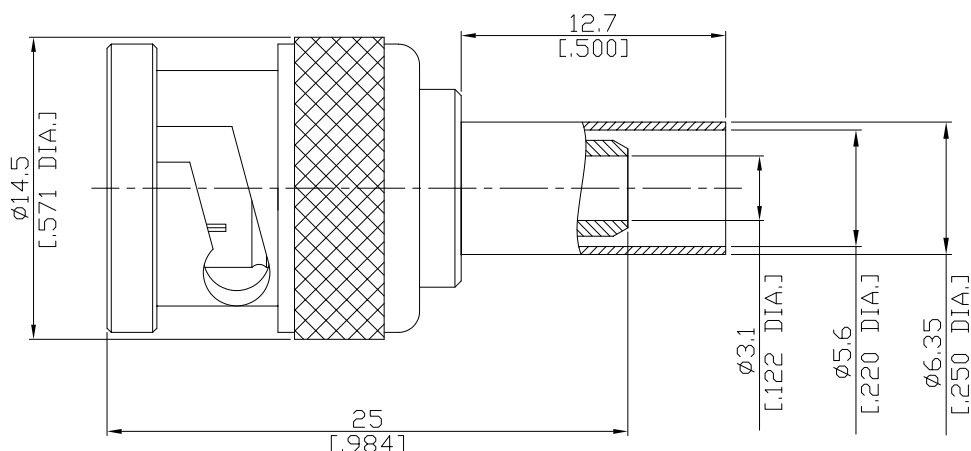


BNC Straight Cable Plug

BNC1C50-G142A/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) ≤ 1.22 (≥ 20 dB)
 Insertion Loss ≤ 0.05 dB

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

Mechanical Data

Coupling mechanisms Bayonet-lock
 Centre contact Soldered or Crimped
 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-55, RG-142, RG-223, RG-400

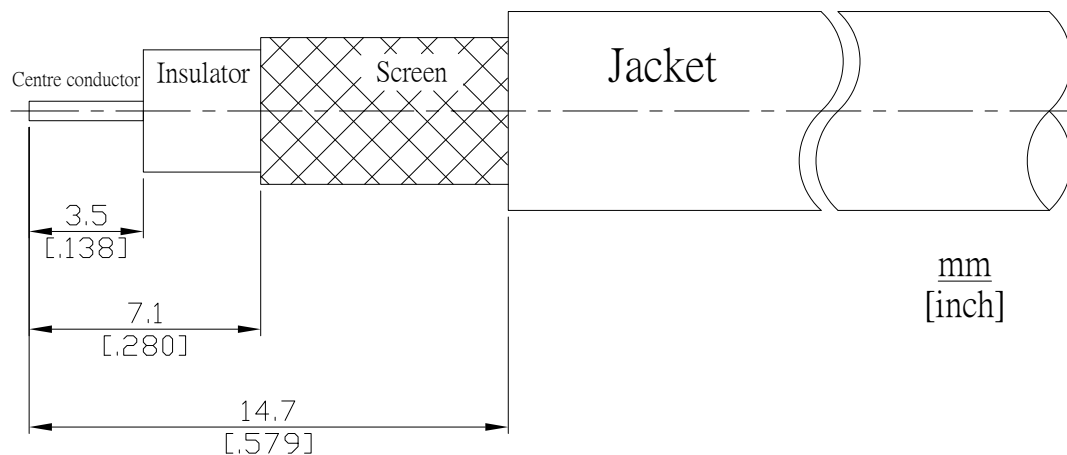
Packing

Single or 100

BNC Straight Cable Plug

BNC1C50-G142A/144

Recommended Cable Stripping Dimensions



Crimp Dimensions [HEX]

Crimp ferrule	5.41mm [.213 inch]
Centre contact	1.73mm [.068 inch]