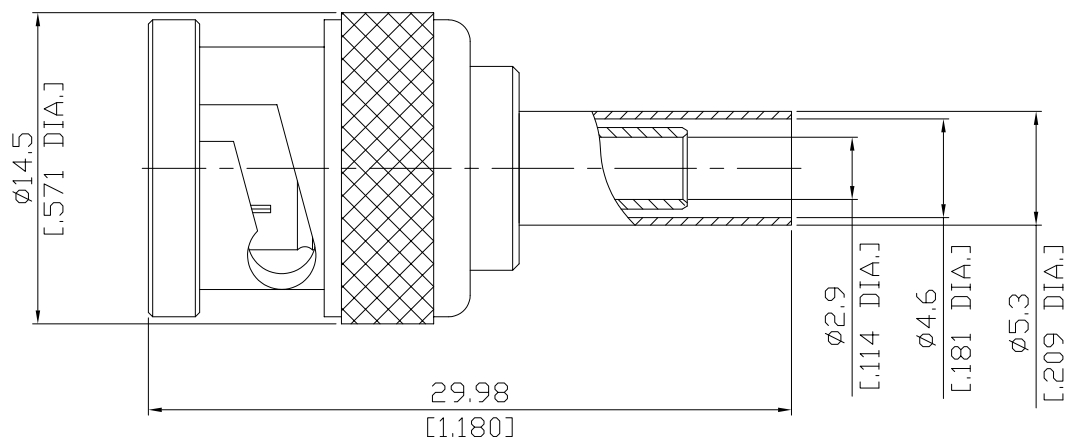




**BNC Straight Cable Plug
12G Optimized**

BNC1C70-MG59A/133



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 61169-8

Electrical Data

Impedance 75 Ω

Frequency DC to 12 GHz

Sub-frequency ranges 0.005-1.485 GHz 1.485-3 GHz 3-6 GHz 6-12 GHz

VSWR (Return loss) ≤ 1.43 (≥ 15 dB) ≤ 1.93 (≥ 10 dB) ≤ 2.61 (≥ 7 dB) ≤ 4.42 (≥ 4 dB)

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

Mechanical Data

Coupling mechanisms Bayonet-lock
Centre contact Soldered
Cable entry Crimped
Mating cycles ≥ 500 matings

Environmental Data

Temperature range -65°C to $+165^{\circ}\text{C}$
RoHS compliant

Material And Plating

Connector parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Crimp ferrules	Brass	Nickel

Suitable Cables

Mini RG-59, Belden 1855A

Packing

Single or 100