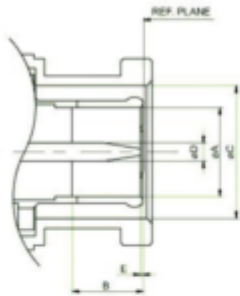
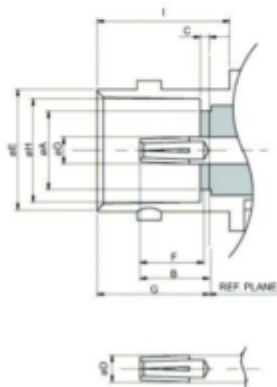


BNC Male/Plug



Letter	Millimeters (inch)	
	Minimum	Maximum
A	4.83 (.190)	4.97 (.196)
B	5.28 (.208)	5.79 (.228)
C	9.78 (.385)	9.91 (.390)
D	1.32 (.052)	1.37 (.054)
E	0.08 (.003)	1.02 (.040)

BNC Female/Jack



Letter	Millimeters (inch)	
	Minimum	Maximum
A	---	4.72 (.186)
B	4.72 (.186)	5.23 (.206)
C	1.50 (.059)	
D	2.10 (.827)	
E	9.60 (.378)	9.70 (.382)
F	4.95 (.195)	---
G	8.35 (.328)	8.48 (.334)
H	8.10 (.319)	8.15 (.321)
I	10.60 (.417)	---

50 Ohm connector BNC



Features

- Straight and right angle
- For flexible, semi-flex and semi-rigid cables
- PCB connectors (straight and right angle)
- Panel connectors in various flanges
- Adapters

Application

- Cable Assembly
- Antenna, CATV, Satcom
- Automotive
- Medical Equipment
- Radios, Telecommunications, Base Stations
- Instrumentation

Materials

Body, coupling nut Brass, Zinc alloy(diecast)

Insulator Teflon, Delrin

Center contact Brass for male / Beryllium copper or Phosphor bronze for female

Crimping sleeve Annealed Brass

Body plating Nickel (Ni)

Center contact plating Gold (Au)

Electrical Characteristics

Impedance 50 Ohm

Frequency range 0-4 GHz

VSWR Straight type ≤ 1.3 max

Dielectric withstanding voltage 1500 V rms

Working voltage 500 V rms

Center contact resistance ≤ 1.5 m Ω (Milliohms max.)

Outer contact resistance ≤ 2.0 m Ω (Milliohms max.)

Insulation resistance ≥ 5000 M Ω (Megohms min.)

Mechanical Characteristics

Coupling 2-stud bayonet

Contact Retention 100 lbs. min.

Vibration MIL-STD-202 Meth. 204

Corrosion resistance MIL-STD-202 Meth. 101

Environmental Characteristics

Temperature Range Teflon $-65^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Coupling nut retention 100 lbs. min.



Vibration MIL-STD-202 Meth. 204

Corrosion resistance MIL-STD-202 Meth. 101

Note : all characteristics and values are typical.

Every effort has been put so that this document is most reliable and free from errors. However, AP Solutions Oy cannot be considered responsible for any mistake in this document and users should consult AP Solutions Oy for any information needed. AP Solutions Oy reserves the right to make changes to the documents at any time, without prior notice.