



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.

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