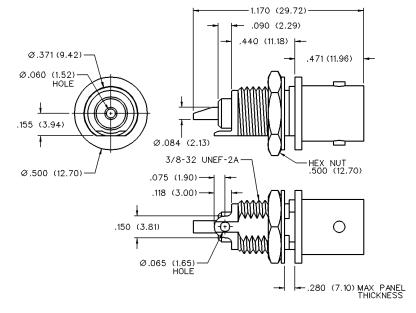
50 Ohm BNC Front Mount Bulkhead Jack Receptacle With Solder Tab

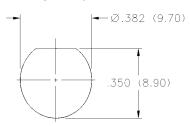


INCHES (MILLIMETERS)
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST





Mounting hole layout



BNC Connectors

Specifications



The BNC series connector is a commercial quality product that intermates with all standard double bayonet stud BNC designs. All contacts are captivated for ruggedness. The 50 ohm and 75 ohm interfaces are intermateable and provide quick, reliable connections for instrumentation, medical and LAN applications.

Specifications*

50 Ohm BNC

Electrical Characteristics Impedance: 50 Ohm nominal Frequency range: 0-4 GHz

Working voltage: 500 volts RMS at sea level

Dielectric withstanding voltage: 1500 volts RMS at sea level

Corona level: 375 volts minimum at 70,000 feet Contact resistance: Outer - 0.2 milliohms maximum Center - 2.1 milliohms maximum

Insulation resistance: 5000 megohms minimum

Environmental Characteristics

Recommended temperature range: -55°C to +85°C

Moisture resistance: MIL-STD-202 **Mechanical Characteristics**

Durability: 500 cycles

Force to engage/disengage: 3 lbs. maximum Cable retention: 20 lbs., RG-58 C/U cable

Materials

Body: Zinc or brass

Contact: Brass, beryllium copper or phosphor bronze

Spring Washer: Beryllium copper

Crimp sleeve: Brass

Insulator: Delrin® or TPX Polymethylpentene Plating: Body - Nickel (except where noted)

Crimp sleeve - Nickel Contact - Gold

^{*} These values are typical and may not apply to all connectors.