



Connectivity Solutions



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Product Detail



Product Line:	Cambridge (Click for customer service)
Part Number:	CP-AD705
Description:	50 Ohm BNC Jack to Jack to Plug T In-Series Adapter
Product Family:	In-Series Adapters
Connector B:	BNC
Frequency:	4 GHz
Genders:	Female/Female/Male
Ohm:	75
Product Type:	Adapter
Body Style:	Right Angle
Color / Finish:	Nickel
Connector A:	BNC
RoHS Compliant:	Yes

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BNC 75 Ohm Jack to Jack to Plug T Adapter



CP-AD705

75 Ohm Commercial BNC Connectors



INCHES (MILLIMETERS)
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

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*

75 Ohm BNC

Electrical Characteristics

Impedance: 75 Ohm nominal

Frequency range: 0-2 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-59 C/U cable

Materials

Body: Zinc or brass

Contact: Brass or beryllium copper

Spring Washer: Beryllium copper

Crimp sleeve: Brass

Insulator: TPX

Plating: Body - Nickel (except where noted)

Crimp sleeve - Nickel

Contact - Nickel/Gold