



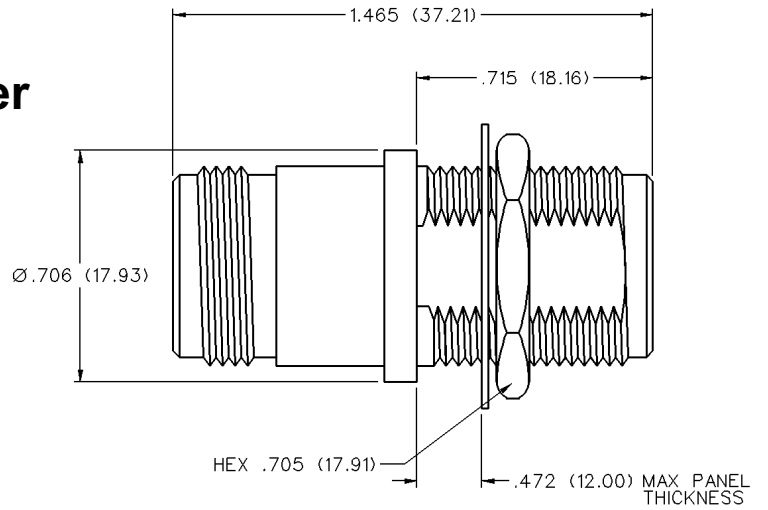
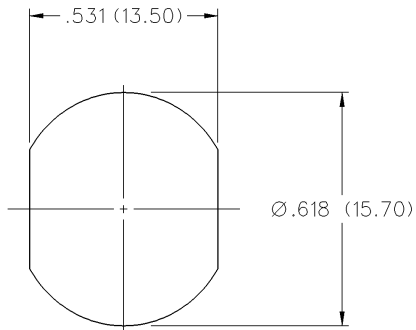
**CAMBRIDGE
PRODUCTS**

INCHES (MILLIMETERS)
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

Type N Jack to Bulkhead Jack Adapter



CP-AD851



N Connectors

Specifications



INCHES (MILLIMETERS)
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The N connector employs a large diameter threaded interface for excellent strength and reliability. This commercial quality connector handles high power applications such as antenna feeds for radios and cell sites. Termination options include crimp and clamp styles for rugged service.

Electrical Characteristics

Impedance: 50 Ohm nominal
Frequency range: 0-11 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: -65°C to +165°C
Moisture Resistance: MIL-STD-202

Mechanical Characteristics

Durability: 500 cycles
Cable retention: 20 lbs., RG-58 C/U cable

Materials

Body and coupling nut: Brass
Contact: Brass, phosphor bronze or beryllium copper
Crimp sleeve: Brass
Insulator: Teflon® or Delrin®
Hardware: Brass
Plating: Body - Nickel
Crimp sleeve - Nickel
Hardware - Nickel
Contact - Gold

* These are typical and may not apply to all connectors.