



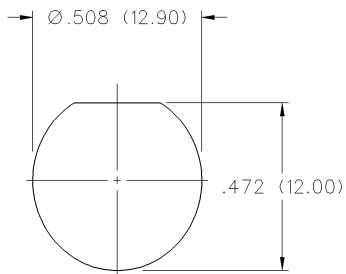
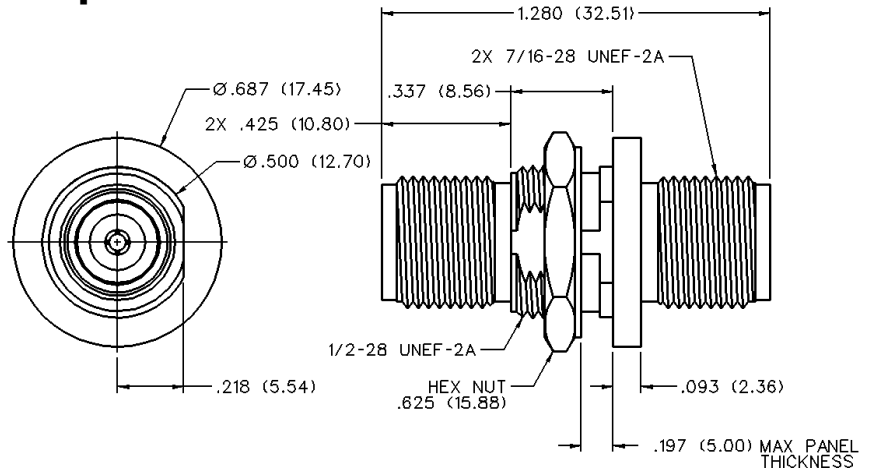
**CAMBRIDGE  
PRODUCTS**

INCHES (MILLIMETERS)  
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

## TNC Jack to Bulkhead Jack Adapter



CP-AD356



# TNC Connectors

## Specifications



INCHES (MILLIMETERS)  
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

The TNC connector is a threaded version of the BNC mating interface. All contacts are captivated for ruggedness. The TNC is a commercial quality connector that provides additional retention for shock and vibration applications. The TNC connector intermates with all standard 50 Ohm TNC connectors.

## Specifications\*

### Electrical Characteristics

Impedance: 50 Ohm nominal (except where noted)

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: -55°C to +85°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: Zinc or brass

Contact: Beryllium copper, phosphor bronze or brass

Crimp Sleeve: Brass

Insulator: Teflon®, TPX or Delrin®

Hardware: Brass

Plating: Body - Nickel

Crimp sleeve - Nickel

Hardware - Nickel

Contact - Gold

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