



# CROWN ELECTRONICS



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## TNC Coaxial Connectors

### **Electrical Specifications:**

Impedance	-	50 ohm nominal
Frequency Range	-	0 - 11 GHz
Voltage Rating	-	500 Volts peak
Dielectric Withstanding Voltage	-	2,500 Volts rms
VSWR	-	Straight: 1.3 maximum 0-11 GHz Rt. Angle: 1.35 maximum 0-11 GHz
Contact Resistance	-	Center contact: 1.0 milliohm Outer contact: 0.2 milliohm
Insulation Resistance	-	5,000 Megohms minimum
Temperature Range	-	-65°C to 165°C

### **Material Specifications:**

Body Metal Parts	-	Nickel / Brass
Male Contact	-	Gold (or Silver) / Brass
Female Contact	-	Gold (or Silver) / Beryllium Copper
Insulation	-	Teflon (or Delrin)
Gasket	-	Silicone Rubber
Crimp Ferrule	-	Copper

\*\*Please note that the above materials apply to most but not all TNC connectors; for specific details on each connector please consult the relevant spec. sheet.

### **Mechanical Specifications:**

Cable Retention	-	Crimp: 20-100 lbs Clamp: 20-50 lbs
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