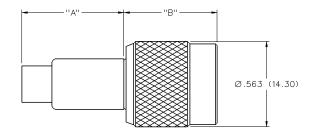


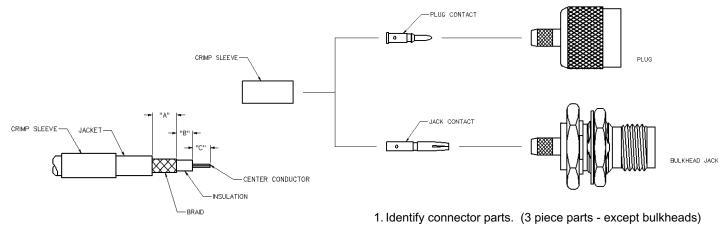
CUSTOMER DRAWINGS AVAILABLE UPON REQUEST

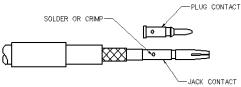
TNC Straight Crimp Type Plug -Solder or Crimp Contact - 3 Piece

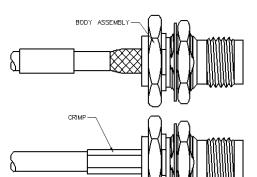




PART NUMBER	CABLE TYPE	"A"	"B"	CONTACT I.D.	BODY I.D.	FERRULE I.D.
CPMC-TNC-13	RG-142, 223, 400, 55	.520 (13.20)	.595 (15.11)	.044 (1.12)	.126 (3.20)	.220 (5.59)







- 2. Strip cable to dimensions shown. Do not nick braid or center conductor. Tin center conductor if contact will be solder attached.
- Do not tin center conductor if contact is to be crimp attached. A wire stripper of correct size is recommended for this step. Slide heat shrink (as applicable) and crimp sleeve onto jacket of cable.
- 3. Assemble contact onto cable as shown. Solder Attachment: Solder contact to center conductor through hole using a minimum amount of solder for a good joint. Crimp Attachment (where applicable): Crimp contact to center conductor using recommended crimp hex.
- 4. Flare braid and slide body assembly over contact and under braid. Then seat body assembly firmly onto contact. The cable may have to be held in a clamping fixture. Arrange braid uniformly around crimp stem. Slide crimp sleeve forward and crimp using recommended crimp hex. Slide heat shrink forward and shrink (as applicable).

		Strip Dimensions			Crimp	Contact	Recommended
Part Number	Cable	"A"	"B"	"C"	Sleeve Hex	Crimp Hex	Crimp Tool
CPMC-TNC-13	RG-55, 142	.315 (8.00)	.118 (3.00)	.157 (4.00)	.213 (5.41)	.060 (1.52)	24-304P

TNC Connectors

Specifications



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.