

TNC COAXIAL CONNECTORS

ELECTRICAL SPECIFICATIONS

Impedance	50 ohm	75 ohm
Frequency Range	0–11 GHz	0–1 GHz
Working Voltage	500 Volts rms.	500 Volts rms.
Dielectric Withstanding Voltage	1500 Volts rms.	1500 Volts rms.
VSWR	1.3 max. 0–11 GHz	1.05 + 0.1f (GHz) DC to 1 GHz
Contact Resistance	Center contact 1.5 milliohm Outer contact 0.2 milliohm	Center contact 1.5 milliohm Outer contact 0.2 milliohm
Insulation Resistance	5000 megohms (min)	5000 megohms (min)

MATERIAL SPECIFICATIONS

PARTS NAME		MATERIAL	FINISH
Center Contact	Male	Brass	Gold or Silver plated
	Female	Phosphor Bronze (nominal) or Beryllium Copper	Gold or Silver plated
Metal parts		Brass	Nickel*
Insulators		Teflon, Delrin, PBT polyester	None
Clamp gaskets		Silicone rubber, Synthetic rubber	None
Crimp ferrule		Annealed copper	Nickel*

