



Specifications - TNC Series

Electrical.

Impedance	50 ohm	75 ohm
Frequency Range	0 - 4 GHz	0 - 1 GHz
Working Voltage	500V RMS max.	500V RMS max.
Dielectric Withstanding Voltage	1500V RMS min.	1500V RMS min.
VSWR - Straight	1.3 max	1.3 max
VSWR - Right Angle	1.5 max	1.5 max
Contact Resistance - Center Contact	3 Milliohms Max.	3 Milliohms Max.
Contact Resistance - Outer Contact	2 Milliohms Max.	2 Milliohms Max.
Insulator Resistance	5000 Megohms min.	5000 Megohms min.

Material.

Parts.

Body	Brass per QQ-B-626
Center Contact - Plug	Brass per QQ-B-626
Center Contact - Jack	Beryllium Copper per QQ-C-530 Phosphor Bronze per QQ-B-750 Brass per QQ-B-626
Insulators	Teflon, Delrin or PBT polyester
Crimp Ferrules	Annealed copper
Gaskets	Silicone rubber or Synthetic rubber

Material.

Finish.

Nickel Plated
Gold Plated
Gold Plated
Gold Plated
Gold Plated
None
Nickel Plated
None

NOTE: Other Materials and Finishes are available please contact Sales for more details.

Mechanical & Environmental:

Mating	7/16-28 UNEF-2A Threaded Coupling
Engagement Force	2 in-lbs. max.
Disengagement Force	2 in-lbs. max.
Coupling Nut Retention	100 lbs. min.
Coupling Proof Torque	15 in-lbs.min.
Contact Retention	6 lbs. min.
Durability - Mating	500 cycles min - for Beryllium copper Jack contact only.
Temperature Range	-65°C to 165°C
Vibration	MIL-STD-202 Method 204 Test Cond.B.
Salt Spray	MIL-STD-202 Method 101 Test Cond.B.
Thermal Shock	MIL-STD-202 Method 107 Test Cond.B.

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