



CROWN RF



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7/16 Coaxial Connectors

Electrical Specifications:

Impedance	- 50 ohm
Frequency Range	- 0 – 7.5 GHz
Working Voltage	- 1,000 VRMS minimum at sea level 2,700 VRMS maximum at sea level
Dielectric Withstanding Voltage	- 4,000 VRMS min. at sea level
VSWR	- Straight: 1.3 maximum Rt. Angle: 1.5 maximum
Contact Resistance	- Center contact: 0.4 milliohms max.
Insulation Resistance	- 5,000 Megohms minimum
Temperature Range	- -55°C to 155°C

Material Specifications:

Body Metal Parts	- White Bronze / Brass
Male Contact	- Silver / Brass
Female Contact	- Silver / Brass
Insulation	- PTFE
Gasket	- Silicone Rubber
Crimp Ferrule	- Nickel / Annealed Copper Alloy

**Please note that the above materials apply to most but not all 7/16 connectors; for specific details on each connector please consult the relevant spec. sheet.

Mechanical Specifications:

Coupling Nut Retention	- 225 lbs. minimum
Coupling Proof Torque	- 310 in. – lbs. maximum
Contact Captivation	- 45 lbs. minimum
Durability (Mating)	- 500 cycles minimum (for beryllium female contact only)