



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) |