



CROWN ELECTRONICS



2005A Industrial Blvd., Rockwall, TX 75087 972-771-4711 800-225-3429 (fax) 972-771-9499

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	-	Ctr contact: 0.4 milliohms max.
Temperature Range	-	-55°C to 155°C
Insulation Resistance	-	5,000 Megohms minimum

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