

7/16 COAXIAL CONNECTORS

ELECTRICAL SPECIFICATIONS

Impedance	50 ohm
Frequency range	0–7.5 GHz
Working Voltage	2700 VRMS maximum at sea level
Dielectric Withstanding Voltage	4000 VRMS minimum at sea level
	3straight: 1.3 maximum Right Angle: 1.5 maximum
Contact resistance	Center Contact: 0.4 milliohms maximum Outer Contact: 0.2 milliohms maximum
Insulation resistance	5000 Megohms minimum

MATERIAL SPECIFICATIONS

PARTS NAME	MATERIAL	FINISH
Body metal parts	Brass per QQ-B-626	Silver
Contacts	Male	Brass per QQ-B-626
	Female	Beryllium copper per QQ-C-530
Insulator	PTFE	None
Gasket	Silicone rubber	None
Crimp ferrule	Annealed copper	Silver

Note: Other materials/finishes are available on request.

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 copper female contact only)



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