

BNC Series

Electrical:

Impedance	50 ohm	75 ohm
Frequency Range	0 to 4.0 GHz	0 to 1 GHz
VSWR	1.3 max	
Voltage Rating	* RG-58, 141, 142, 223: 500volts rms max * RG-174, 188, 316: 335 volts rms max	
Dielectric withstanding Voltage	* RG-58, 141, 142, 223: 1000 volts rms max * RG-174, 188, 316: 750 volts rms max	
Contact resistance	center contact: 1.5 milliohms max Outer contact: 0.5 milliohms max	
RF Leakage	-55 dB min @ 3 GHz	
Insertion Loss	0.2dB max @ 3 GHz	
Insulator resistance	5,000 Megohms min	

Mechanical & Environmental

Mating	Two stud bayonet coupling	
Durability	500 matings	
Coupling Nut Retention	100 lbs min	
Cable Retention	RG-58, 141, 142, 223: 40 lbs min RG- 59, 62A, 210: 40 lbs min RG- 174, 188, 316: 20 lbs min RG-179B, 187A: 20 lbs min	
Temperature Range	-65 °C to 165 °C	
Vibration	MIL-STD-202 Method 204 test Cond.D.	
Salt Spray	MIL-STD-202 Method 101 test Cond.B.	

Material:

	Material	Plating
Connector Body	Brass	Gold or Nickel
Center Contact	Male: Brass Female: Brass, Phosphor Bronze orGold Beryllium- Copper	Gold
Insulation	Teflon or Delrin	None
Gasket	Silicone Rubber, Rubber	None
Crimp Ferrule	Annealed Copper or Brass	Same as Body