

N Series

Electrical:

Impedance	50 ohm	75 ohm
Frequency Range	0 to 12.4 GHz	0 to 1.5 GHz
VSWR	1.15 + 0.015 x f GHz max	
Voltage Rating	RG-58, 141, 142, 223: 500 volts 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: 1.0 milliohms max Outer contac: 2.0 milliohms max	
RF Leakage	- (90-f GHz) dB min	
Insertion Loss	0.05 dB max X \sqrt{f} GHz	
Insulator resistance	5,000 Megohms min	

Mechanical & Environmental

Mating	5/8" – 24 threaded 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-8A, 9B, 213, 214: 80 lbs min	
Temperature Range	-65°C to 165°C	
Vibration	MIL-STD-202 Method 204 test Cond.B.	
Salt Spray	MIL-STD-202 Method 101 test Cond.B.	
Temperature Cycling	MIL-STD-202 Method 107 test Cond.B.	

Material:

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