N Series
specification sheet

Electrical characteristics		
Impedance		50 Ω
Maximum frequency		11 GHz as standard, 18 GHz available on request
Working voltage		1000 V_{RMS} max.
Dielectric withstanding voltage		2500 V_{RMS} min.
VSWR	Straight	1.3 max.
	Right angle	1.5 max.
Contact resistance	Centre contact	3 mΩ max.
	Outer contact	2 mΩ max.
Insulator resistance		5000 MΩ min.

Materials			
Part name		**Material**	**Finish**
Body, metal parts		Brass per QQ-B-626	Nickel 70 µ"
Centre contact	Male	Brass per QQ-B-626	Gold 3 µ"
	Female	Phosphor bronze per QQ-B-750	Gold 3 µ"
Insulator		Teflon	None
Crimp ferrule		Annealed brass	Nickel 70 µ"
Clamp gasket		Silicone rubber	None

Note: Other materials or finishes may be available on request

Mechanical & environmental characteristics	
Engagement force	6 in-lbs max.
Disengagement force	6 in-lbs max.
Coupling nut retention	100 lbs min.
Coupling proof torque	30 in-lbs. min.
Contact retention	6 lbs min.
Durability (mating cycles)	500 cycles 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
Thermal shock	MIL-STD-202 method 107 test cond. B

* For beryllium copper female contact only