

N Female for Standard 1/2" Cable

Electrical Specifications

Impedance	50 Ω
Frequency Range (MHz)	DC ~ 2.5 GHz
VSWR	≤ 1.10 (0.8 ~ 2.2GHz)
	≤ 1.15 (DC ~ 3GHz)
Insertion Loss	≤ 0.1 × √f(GHz) (dB)
Operating Voltage	1000 V Max at Sea Level (50 Hz AC)
Dielectric Withstand Voltage	Endure over 1 Minute ≥ 1500 V (50 Hz AC)
Outer Contact Resistance	< 1.0 mΩ
Inner Contact Resistance	< 1.0 mΩ
Insulation Resistance	≥ 5000 MΩ

Mechanical Specifications

Interface Durability	500 Cycles
Connector Retention Torque	30 N-m 266 in lb
Connector Retention Tensile Force	444.82 N 100 lbf
Water Resistance	IP67
Operating Temperature	-55 ~ +155 °C

Material & Plating

Inner Contact	Phosphor Bronze, Silver Plated
Shell Body	HPb59-1, Trivalent Plated
Attachment Accessories	HPb59-1, Trivalent Plated
Water Proof Parts	Silicon Rubber
Insulator	PTFE
Coupling Nut	HPb59-1, Nickel Plated

