



N Female for ¼” LDF Connector

| Electrical & Mechanical Specifications | | |
|--|--|---------|
| Frequency Range | DC-7.5 GHz | |
| Characteristic Impedence | 50 Ω | |
| VSWR | ≤1.15@DC-4 GHz, | |
| Dielectric Withstanding Voltage | 2500Vrms,50Hz,at sea level | |
| Working Voltage | 1000Vrms,50 Hz at sea level | |
| Contact Resistance | Center Contact ≤ 1.0 mΩ Outer Contact ≤ 0.25 mΩ | |
| Insulation Resistance | ≥5000 MΩ | |
| Durability | Mating cycles ≥500 | |
| Material & Plating | | |
| | Material | Plating |
| Body | Brass | CuSnZn |
| Insulator | PTFE | - |
| Gasket | Silicone Rubber | - |
| Center conductor | Phosphor bronze | Au |
| Coupling nut | Brass | Ni |
| Environmental | | |
| Temperature Range | -40°C~+85°C | |
| RoHS | Compliant Yes | |