

LT-NM-LLC200

N-MALE CRIMP/SOLDER SILVER PLATED FOR LLC 200

The Lamatel LT-NM-LLC200 N-Male Connector is a rugged and high-precision RF connector specifically designed for use with LLC200 coaxial cable. Engineered for professional-grade signal transmission, it delivers excellent performance with minimal signal loss, making it an essential component in high-frequency communication systems. This N-Male connector features a heat-shrink sleeve that ensures a secure, moisture-resistant seal, protecting the connection from environmental exposure and RF interference. The robust design supports high-frequency ranges and ensures a consistent, low-resistance connection in both indoor and outdoor installations.

Key Features

- Precision-fit N-Male connector for LLC200 coaxial cable
- Low insertion loss and excellent VSWR performance
- Heat-shrink sleeve for weatherproof and secure sealing
- Nickel-plated body for corrosion resistance
- Gold-plated center pin for improved conductivity
- Durable design suitable for indoor and outdoor use
- Easy to install with reliable cable retention

Applications

- RF communication systems
- Antenna and wireless installations
- Broadcasting and transmission setups
- Laboratory and testing environments
- General-purpose RF cable terminations



Specifications

| PART NUMBER | LT-NM-LLC200 |
|---|--|
| Description | N-MALE CRIMP/SOLDER SILVER PLATED FOR LLC 200 |
| Material and Plating | |
| Center Contact | Brass / Gold Plating (Solder) |
| Outer Contact & Body | Brass / Nickel Plating (Crimp) |
| Dielectric | PTFE |
| Gasket | Silicon Rubber |
| Electrical Specifications | |
| Characteristic Impedance | 50 Ohm |
| Frequency Range | DC~11GHz |
| Insulation Resistance | ≥5000MΩ |
| Center Contact Resistance | ≤1.0 mΩ |
| Outer Contact Resistance | ≤0.4 mΩ |
| Dielectric Strength | 1500V rms (AC) |
| Working Voltage | 500V rms |
| Insertion Loss | ≤0.20dB@3GHz |
| VSWR | ≤1.10@DC~1.0GHz |
| | ≤1.20@1.0~3.0GHz |
| Environmental & Mechanical Specifications | |
| Mating Durability | ≥500 cycles |
| Suitable Cables | LLC200 |
| Mechanical Shock Test Method | MIL-STD-202, Method 213, Test Condition G |
| Thermal Shock Test Method | MIL-STD-202F, Method 107G, Test Condition A |
| Vibration Test Method | MIL-STD-202, Meth. 204, Cond. B |
| Temperature Range | -65°C to +165°C |
| RoHS | Compliant |

