



COPPER TOOLS & ACCESSORIES

RG6

NM-NM Type

PRODUCT SPECIFICATIONS

N-Type connectors are designed to satisfy the need for a durable, weatherproof, medium-size RF connector with consistent performance through 11 GHz.

These connectors are used in all systems where excellent RF and mechanical performance is critical.

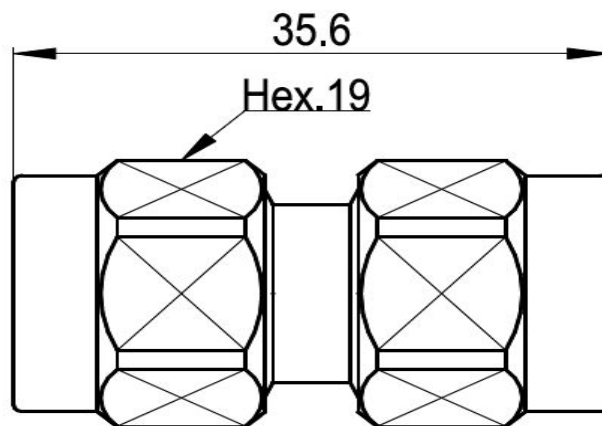


TECHNICAL SPECIFICATIONS

| | |
|----------------------|--------------------------|
| Centre Contact | Brass/Silver Plating |
| Outer Contact & Body | Brass/ Tri metal Plating |
| Dielectric | PTFE |
| Gasket | Silicon Rubber |
| Nut | Brass/ Nickle Plated |

ELECTRICAL SPECIFICATIONS

| | |
|---------------------------|---|
| Characteristic Impedance | 50 Ohms |
| Frequency Range | DC ~ 11GHz |
| Insulation Resistance | ≥ 5000 MΩ |
| Centre Contact Resistance | ≤ 1.0 mΩ |
| Outer Contact Resistance | ≤ 0.25 mΩ |
| Dielectric Strength | 2500V rms |
| Working Voltage | 1400V rms |
| Power Handling | 100W / 2GHz min |
| Insertion Loss | ≤ 0.17dB @ 3GHz |
| VSWR | ≤ 1.08 @ 0.8-1GHz ≤ 1.10 @ 1.0-3 GHz |
| PIM3 | ≤ -155dBc |



ENVIRONMENTAL AND MECHANICAL SPECIFICATIONS

| | |
|------------------------|--------------|
| Durability (matings) | ≥ 500 cycles |
| Temperature Range (°C) | -65 ~ + 165 |

ORDERING INFORMATION

LXMRG6NMNM - LINXCOM RG6 N Male-N Male Type Connector