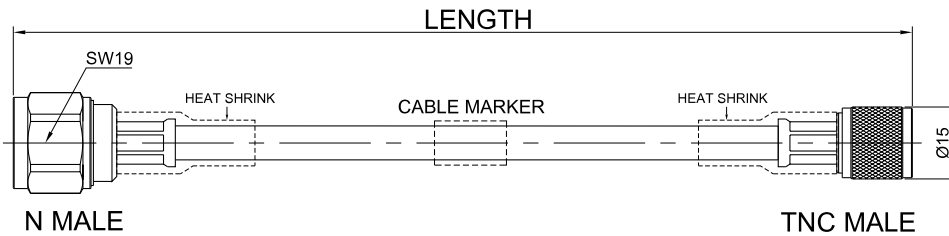


P/N: GAN9C-NMTNCM-XXX

N Male to TNC Male Cable Assembly | LMR400 Flexible Coax Cable With PE Jacket | DC - 9GHz



Dimensions are in mm



Connectors Configuration

| | Connector 1 | Connector 2 |
|---------------------------|-------------|-------------|
| Connector Series | N | TNC |
| Connector Polarity | Standard | Standard |
| Connector Gender | Male | Male |
| Connector Impedance (Ohm) | 50 | 50 |
| Connector Body Style | Straight | Straight |
| Connector Body Material | Brass | Brass |
| Connector Body Plating | Nickel | Nickel |

Cable Configuration

| | |
|--------------------------|---------------------------|
| Cable Type | LMR400 |
| Cable Impedance (Ohm) | 50 |
| Inner Conductor Material | Copper-clad aluminum wire |
| Dielectric Material | Foam PE |
| Number of Shields | 2 |
| Shield Layer 1 Material | Aluminum Tape |
| Shield Layer 2 Material | Tinned copper Braid |
| Jacket Material | PE |
| Cable Diameter (mm) | 10.25 |
| Cable Color | Black |
| Minimum Bend Radius (mm) | 25.4 |
| Capacitance (pF/m) | 78.4 |
| Velocity of Propagation | 84% |
| Shielding Effectiveness | < -90dB @ 1GHz |

P/N: GAN9C-NMTNCM-XXX

N Male to TNC Male Cable Assembly | LMR400 Flexible Coax Cable With PE Jacket | DC - 9GHz

Electrical Data

| Electrical Specifications for Different Length | | | | |
|--|-----------------------|-----------|--------------------|-----------------------|
| Length (mm) | Length Tolerance (mm) | Frequency | VSWR / Return Loss | Insertion Loss ≤ (dB) |
| 500 | ±5 | DC - 3GHz | 1.35 to 9GHz | 0.7 to 9GHz |
| 800 | ±10 | | | 1.0 to 9GHz |
| 1000 | ±10 | | | 1.2 to 9GHz |
| 1500 | ±15 | | | 1.7 to 9GHz |
| 2000 | ±20 | | | 2.2 to 9GHz |
| 3000 | ±30 | | | 3.2 to 9GHz |
| 5000 | ±50 | | | 5.2 to 9GHz |

Environmental Specifications

RoHS Compliant

Yes

Operating Temperature Range

-40°C to +85°C