



* Label and Shrinking tube design depend on customer's request.

Configuration

| | |
|---------------------------|---------------------|
| Connector 1 Type | 7/16 Male |
| Connector 1 Body Style | Straight |
| Body Material and Plating | Brass Nickel Plated |
| Connector 1 Mount Method | None |
| Connector 2 Type | N Male |
| Connector 2 Body Style | Straight |
| Body Material and Plating | Brass Nickel Plated |
| Connector 2 Mount Method | None |
| Cable Type | LMR400FR |

Electrical Specifications

| | |
|-----------------------------|---------------------------------------|
| Impedance | 50 Ω |
| Frequency | DC to 6 GHz |
| Return Loss/VSWR | 1.4 to 6 GHz |
| Phase Stability vs. Flexure | N/A |
| Amplitude Stability | N/A |
| Shielding Effectiveness | <-90dB @ 1GHz |
| Phase Matching | On request |
| Signal Delay | On request |
| Power Handling | 330watt @ 2.5GHz at sea level,VSWR1.0 |

Environmental Data

| | |
|-------------------|----------------|
| Temperature Range | -40°C to +85°C |
| 2002/95/EC(RoHS) | Compliant |

Cable Specifications

| | |
|----------------------------|--------------------|
| Center Conductor | Bare Copper, solid |
| Dielectric | PE |
| Jacket | PE |
| Capacitance(pF/m) | 78.4 |
| Velocity of propagation(%) | 85 |
| Min. bending radius(mm) | 25.4 |
| Jacket Diameter(mm) | 10.29 |

Part Number List

| Part Number | Length [mm] | Insertion Loss \leq (dB) | |
|--------------------|---------------|----------------------------|------|
| | | 1GHz | 6G |
| GAN9FR-716MNM-1500 | 1500 \pm 15 | 0.39 | 0.95 |
| GAN9FR-716MNM-500 | 500 \pm 5 | 0.27 | 0.66 |

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