



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

| Configuration | |
|----------------------------------|-------------------------------------|
| Connector 1 Type | N Female |
| Connector 1 Body Style | Straight |
| Body Material and Plating | Passivated Stainless Steel |
| Connector 1 Mount Method | None |
| Connector 2 Type | SMA Female |
| Connector 2 Body Style | Straight |
| Body Material and Plating | Passivated Stainless Steel |
| Connector 2 Mount Method | None |
| Cable Type | 311A Series |
| Electrical Specifications | |
| Impedance | 50 Ω |
| Frequency | DC to 18 GHz |
| Return Loss/VSWR | 1.35 to 18 GHz |
| Phase Stability vs. Flexure | 5° @18 GHz |
| Amplitude Stability | N/A |
| Shielding Effectiveness | <-100dB @ 1GHz |
| Phase Matching | On Request |
| Signal Delay | On Request |
| Power Handling | 780Watt @ 5GHz at Sea Level,VSWR1.0 |
| Environmental Data | |
| Temperature Range | -40°C to +80°C |
| 2002/95/EC(RoHS) | Compliant |

Cable Specifications

| | |
|----------------------------|----------------------|
| Center Conductor | Silver plated copper |
| Dielectric | Solid Density PTFE |
| Jaket | FEP |
| Capacitance(pF/m) | 80.4 |
| Velocity of propagation(%) | 83 |
| Min. bending radius(mm) | 31.75 |
| Jacket Diameter(mm) | 7.90±0.13 |

Armor Specifications

| | |
|-------------------------|---|
| Armor Type | Polyurethane Jacket Over Braid Stainless Steel Spiral |
| Min. bending radius(mm) | 25.4 |
| Diameter(mm) | 10.8 |

Part Number List

| Part Number | Length [mm] | Insertion Loss ≤(dB) | | | |
|--------------------|-------------|----------------------|------|-------|-------|
| | | 3GHz | 6GHz | 10GHz | 18GHz |
| GAA2-NFSMF-12000A1 | 12000±30 | 3.29 | 4.73 | 6.21 | 8.53 |
| GAA2-NFSMF-10000A1 | 10000±30 | 2.77 | 3.98 | 5.22 | 7.17 |
| GAA2-NFSMF-8000A1 | 8000±30 | 2.25 | 3.23 | 4.23 | 5.81 |
| GAA2-NFSMF-6000A1 | 6000±30 | 1.73 | 2.48 | 3.25 | 4.45 |
| GAA2-NFSMF-5000A1 | 5000±30 | 1.48 | 2.11 | 2.75 | 3.78 |
| GAA2-NFSMF-3000A1 | 3000±30 | 0.94 | 1.35 | 1.77 | 2.42 |
| GAA2-NFSMF-2000A1 | 2000±20 | 0.68 | 0.98 | 1.27 | 1.74 |
| GAA2-NFSMF-1500A1 | 1500±15 | 0.55 | 0.79 | 1.03 | 1.39 |
| GAA2-NFSMF-1200A1 | 1200±12 | 0.47 | 0.67 | 0.88 | 1.19 |
| GAA2-NFSMF-1000A1 | 1000±10 | 0.42 | 0.59 | 0.8 | 1.06 |
| GAA2-NFSMF-600A1 | 600±10 | 0.32 | 0.45 | 0.58 | 0.79 |
| GAA2-NFSMF-500A1 | 500±10 | 0.29 | 0.41 | 0.53 | 0.73 |

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