



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

Configuration

| | |
|---------------------------|---------------------|
| Connector 1 Type | N Male |
| Connector 1 Body Style | Straight |
| Body Material and Plating | Brass Nickel Plated |
| Connector 1 Mount Method | None |
| Connector 2 Type | SMA Male |
| Connector 2 Body Style | Right Angle |
| Body Material and Plating | Brass Gold Plated |
| Connector 2 Mount Method | None |
| Cable Type | GUT-141-Form |

Electrical Specifications

| | |
|-------------------------|-------------------------------------|
| Impedance | 50 Ω |
| Frequency | DC to 12GHz |
| Return Loss/VSWR | 1.35 to 6GHz |
| Shielding Effectiveness | <-100dB @ 1GHz |
| Phase Matching | On Request |
| Signal Delay | On Request |
| Power Handling | 182Watt @ 5GHz at Sea Level,VSWR1.0 |

Environmental Data

| | |
|-------------------|-----------------|
| Temperature Range | -45°C to +125°C |
| RoHS | Compliant |

Cable Specifications

| | |
|----------------------------|--------------------------------|
| Center Conductor | Silver plated copperweld |
| Dielectric | Solid PTFE |
| Outer Conductor | Tin-soaked copper Coverage100% |
| Capacitance(pF/m) | 95.1 |
| Velocity of propagation(%) | 70 |
| Min. bending radius(mm) | 10 |
| Jacket Diameter(mm) | 3.58±0.05 |

Part Number List

| Part Number | Length [mm] | Insertion Loss ≤(dB) | |
|-------------------|-------------|----------------------|-------|
| | | 3GHz | 5GHz |
| GA721-NMSMWM-1000 | 1000±10 | 0.48 | 1.11 |
| GA721-NMSMWM-800 | 800±8 | 0.41 | 0.93 |
| GA721-NMSMWM-600 | 600±6 | 0.33 | 0.75 |
| GA721-NMSMWM-500 | 500±5 | 0.29 | 0.655 |
| GA721-NMSMWM-400 | 400±5 | 0.255 | 0.56 |
| GA721-NMSMWM-300 | 300±5 | 0.22 | 0.47 |
| GA721-NMSMWM-260 | 260±5 | 0.198 | 0.436 |
| GA721-NMSMWM-200 | 200±5 | 0.176 | 0.382 |
| GA721-NMSMWM-100 | 100±5 | 0.138 | 0.291 |

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