



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

Configuration

| | |
|---------------------------|----------------------------|
| Connector 1 Type | SMA Male |
| Connector 1 Body Style | Straight |
| Body Material and Plating | Passivated Stainless Steel |
| 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 | Flexiform 405 FJ |

Electrical Specifications

| | |
|-------------------------|-------------------------------------|
| Impedance | 50 Ω |
| Frequency | DC to 6 GHz |
| Return Loss/VSWR | 1.25 to 6 GHz |
| Shielding Effectiveness | <-125dB @ 1GHz |
| Phase Matching | On Request |
| Signal Delay | On Request |
| Power Handling | 157Watt @ 1GHz at Sea Level,VSWR1.0 |

Environmental Data

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

Cable Specifications

| | |
|----------------------------|------------------------------------|
| Center Conductor | Silver plated copper covered steel |
| Dielectric | PTFE |
| Jacket | FEP, Blue-transparent |
| Capacitance(pF/m) | 94 |
| Velocity of propagation(%) | 71 |
| Min. bending radius(mm) | 6 |
| Jacket Diameter(mm) | 2.5 |
| Weight(kg/100m) | 2.2 |

Part Number List

| Part Number | Length [mm] | Insertion Loss \leq (dB) | |
|--------------------|---------------|----------------------------|------|
| | | 3GHz | 5GHz |
| GA712-SMMSMWM-1000 | 1000 \pm 10 | 1.33 | 1.92 |
| GA712-SMMSMWM-500 | 500 \pm 10 | 0.785 | 0.95 |
| GA712-SMMSMWM-300 | 300 \pm 10 | 0.53 | 0.65 |
| GA712-SMMSMWM-200 | 200 \pm 5 | 0.404 | 0.51 |
| GA712-SMMSMWM-100 | 100 \pm 5 | 0.27 | 0.35 |

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