



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

Configuration

| | |
|---------------------------|-------------------|
| Connector 1 Type | SMA Female |
| Connector 1 Body Style | Straight |
| Body Material and Plating | Brass Gold Plated |
| Connector 1 Mount Method | None |
| Connector 2 Type | SSMA Male |
| Connector 2 Body Style | Straight |
| Body Material and Plating | Brass Gold Plated |
| Connector 2 Mount Method | None |
| Cable Type | UT-085-H-TP-M17 |

Electrical Specifications

| | |
|-------------------------|---------------------------------------|
| Impedance | 50 Ω |
| Frequency | DC to 18 GHz |
| Return Loss/VSWR | 1.25 to 6 GHz |
| Shielding Effectiveness | <-130dB @ 1GHz |
| Phase Matching | On Request |
| Signal Delay | On Request |
| Power Handling | 162.5Watt @ 1GHz at Sea Level,VSWR1.0 |

Environmental Data

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

Cable Specifications

| | |
|----------------------------|----------------------|
| Center Conductor | Silver plated copper |
| Dielectric | Solid extruded PTFE |
| Outer Conductor | TIN/Copper |
| Capacitance(pF/m) | 95.2 |
| Velocity of propagation(%) | 70 |
| Min. bending radius(mm) | 6 |
| Jacket Diameter(mm) | 2.2 |
| Weight(kg/100m) | 2.13 |

Part Number List

| Part Number | Length [mm] | Insertion Loss ≤(dB) | | | |
|---------------------|----------------|----------------------|------|-------|-------|
| | | 3GHz | 5GHz | 10GHz | 18GHz |
| GA710-SMFSSMAM-1000 | 1000±10 | 1.33 | 1.92 | 2.71 | 3.65 |
| GA710-SMFSSMAM-500 | 500±10 | 0.785 | 0.95 | 1.42 | 2.15 |
| GA710-SMFSSMAM-300 | 300±10 | 0.53 | 0.65 | 0.96 | 1.49 |
| GA710-SMFSSMAM-200 | 200±5 | 0.404 | 0.51 | 0.74 | 1.16 |
| GA710-SMFSSMAM-100 | 100±5 | 0.27 | 0.35 | 0.52 | 0.83 |

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