



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

Configuration

| | |
|---------------------------|-----------------------------|
| Connector 1 Type | 1.85mm Male |
| Connector 1 Body Style | Straight |
| Body Material and Plating | Passivated Staindless Steel |
| Connector 1 Mount Method | None |
| Connector 2 Type | 1.85mm Female |
| Connector 2 Body Style | Straight |
| Body Material and Plating | Passivated Staindless Steel |
| Connector 2 Mount Method | None |
| Cable Type | 086 Series |

Electrical Specifications

| | |
|-----------------------------|-------------------------------------|
| Impedance | 50 Ω |
| Frequency | DC to 67 GHz |
| Return Loss/VSWR | 1.50 to 67 GHz |
| Phase Stability vs. Flexure | N/A |
| Amplitude Stability | N/A |
| Shielding Effectiveness | <-100dB @ 1GHz |
| Phase Matching | On request |
| Signal Delay | On request |
| Power Handling | 110watt @ 2GHz at sea level,VSWR1.0 |

Environmental Data

| | |
|-------------------|-----------------|
| Temperature Range | -40°C to +165°C |
| 2002/95/EC(RoHS) | Compliant |

Cable Specifications

| | |
|----------------------------|----------------------|
| Center Conductor | Silver plated copper |
| Dielectric | Solid extruded PTFE |
| Jacket | None |
| Capacitance(pF/m) | 94 |
| Velocity of propagation(%) | 70 |
| Min. bending radius(mm) | 6 |
| Jacket Diameter(mm) | 2.2 |

Part Number List

| Part Number | Length [mm] | Insertion Loss ≤(dB) | | | |
|---------------------|-------------|----------------------|-------|-------|-------|
| | | 5GHz | 10GHz | 20GHz | 40GHz |
| GA711-185M185F-1000 | 1000±10 | 1.7 | 2.5 | 3.8 | 6.9 |
| GA711-185M185F-800 | 800±8 | 1.4 | 2.06 | 3.14 | 5.66 |
| GA711-185M185F-600 | 600±6 | 1.09 | 1.64 | 2.48 | 4.32 |
| GA711-185M185F-500 | 500±5 | 0.95 | 1.42 | 2.15 | 3.82 |
| GA711-185M185F-300 | 300±5 | 0.65 | 0.96 | 1.49 | 2.56 |
| GA711-185M185F-260 | 260±5 | 0.59 | 0.87 | 1.35 | 2.31 |
| GA711-185M185F-200 | 200±5 | 0.51 | 0.74 | 1.16 | 1.94 |
| GA711-185M185F-100 | 100±5 | 0.35 | 0.52 | 0.83 | 1.32 |

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