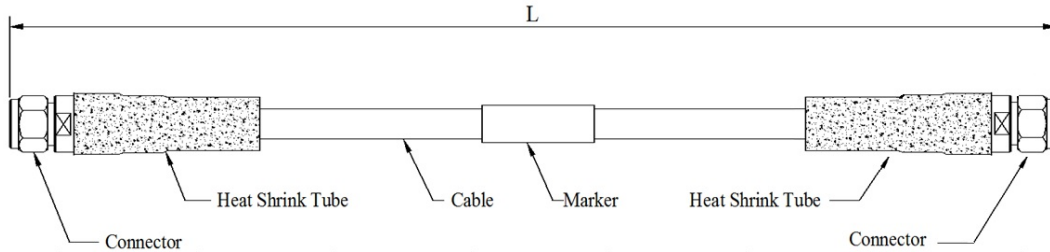


LKXXX-292M292M-XXX RF Coaxial Cable Assembly

Drawing:



| Electrical & Mechanical Characteristic | |
|--|--------------------------|
| Frequency Range (GHz) | 40GHz |
| Impedance Nominal (Ω) | 50 |
| Insulation Resistance (M Ω) | 5000 |
| Dielectric Withstanding Voltage (V) | 1000 |
| VSWR | 1.3 |
| Shielding Effectiveness (dB) | Refer to selection cable |
| Minimum Bend Radius (mm) | Refer to selection cable |
| Temperature Range ($^{\circ}$ C) | -55~165 |
| Cable Diameter (mm) | Refer to selection cable |

| Material & Coating | |
|------------------------|--|
| 1. Cable | |
| a. Inner Conductor | Silver plated copper wire |
| b. Insulation | Low density PTFE |
| c. First Outer Shield | Silver plated copper foil wrap/ Silver plated copper flat wire braid |
| d. Second Outer Shield | Silver plated copper wire braid/ Silver plated copper flat wire braid |
| e. Third Outer Shield | / |
| f. Jacket | FEP/TPU |
| Connector | |
| a. Inner Conductor | Brass gold-plated |
| b. Base | PTFE |
| c. Shell | Passivated stainless steel/ Brass gold-plated/ Ni |
| d. Threaded Sleeve | Passivated stainless steel/ Brass gold-plated/ Ni |
| 3. Armor | TBD |

LKXXX-292M292M-XXX RF Coaxial Cable Assembly

| Product Series List | | | | | | |
|-----------------------------|-----------------------------|------|-------|-------|---------|-------|
| Product Series | Maximum Insertion Loss (dB) | | | | | |
| | 3GHz | 6GHz | 10GHz | 18GHz | 26.5GHz | 40GHz |
| LK087-292M292M-100 | 1.37 | 1.89 | 3.22 | 4.22 | 4.41 | 5.33 |
| LK140-292M292M-100 | 0.82 | 1.17 | 1.53 | 2.08 | 2.62 | 3.23 |
| LK190-292M292M-100 | 0.62 | 0.84 | 1.12 | 1.51 | 1.90 | / |
| LK200-292M292M-100 | 0.60 | 0.80 | 1.10 | 1.48 | 1.88 | / |
| LK200A-292M292M-100 | 0.60 | 0.80 | 1.10 | 1.48 | 1.88 | / |
| LKMF086-292M292M-100 | 1.38 | / | 2.70 | 3.80 | / | / |
| LKMF141-292M292M-100 | 0.86 | 1.35 | 1.75 | 2.42 | / | / |

The connector model, cable type and product length can be customized, product naming rule is defined as below:

