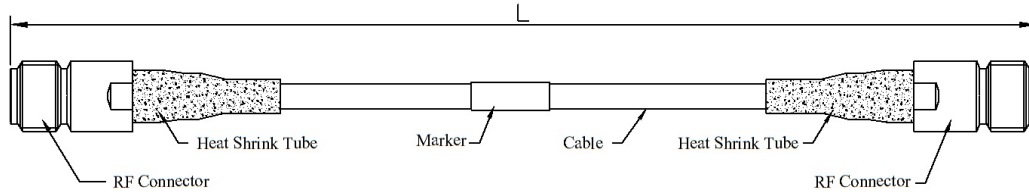


LKXXX-NFNF-XXX RF Coaxial Cable Assembly

Drawing:



| Electrical & Mechanical Characteristic | |
|--|--------------------------|
| Frequency Range (GHz) | 18GHz |
| Impedance Nominal (Ω) | 50 |
| Insulation Resistance (M Ω) | 5000 |
| Dielectric Withstanding Voltage (V) | 1000 |
| VSWR | 1.25 |
| 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/ bare Cu/ Copper clad aluminium 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/PVC |
| 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-NFNF-XXX RF Coaxial Cable Assembly

| Product Series List | | | | | | |
|---------------------|-----------------------------|-------------|-------------|-------|---------|-------|
| Product Series | Maximum Insertion Loss (dB) | | | | | |
| | 3GHz | 6GHz | 10GHz | 18GHz | 26.5Ghz | 40GHz |
| LK140-NFNF-100 | 0.82 | 1.17 | 1.53 | 2.08 | / | / |
| LK190-NFNF-100 | 0.62 | 0.84 | 1.12 | 1.51 | / | / |
| LK200-NFNF-100 | 0.60 | 0.80 | 1.10 | 1.48 | / | / |
| LK200A-NFNF-100 | 0.60 | 0.80 | 1.10 | 1.48 | / | / |
| LK218-NFNF-100 | / | 0.74 | / | 1.52 | / | / |
| LK230-NFNF-100 | 0.54 | 0.80 | / | 1.40 | / | / |
| LK311-NFNF-100 | 0.48 | 0.65 | 0.82 | 1.11 | / | / |
| LK390NFNF-100 | 0.46 | 0.65 | 0.90 | / | / | / |
| LK450-NFNF-100 | 0.46 | 0.75 | 0.98 | / | / | / |
| LK460-NFNF-100 | 0.48 | 0.59 | 0.75 | / | / | / |
| LK560-NFNF-100 | 0.34 | 0.47 | 0.67 | / | / | / |
| LKF195-NFNF-100 | 0.91 | 1.32 | 1.75 | 2.41 | / | / |
| LKF280-NFNF-100 | 0.69 | 1.01 | 1.37 | 1.92 | / | / |
| LKSF141-NFNF-100 | 0.75 | 1.07 | / | / | / | / |
| LKSF202-NFNF-100 | 0.60 | 1.00 | / | / | / | / |
| LKSF208-NFNF-100 | 0.58 | 0.97 | / | / | / | / |
| LKMF141-NFNF-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:

