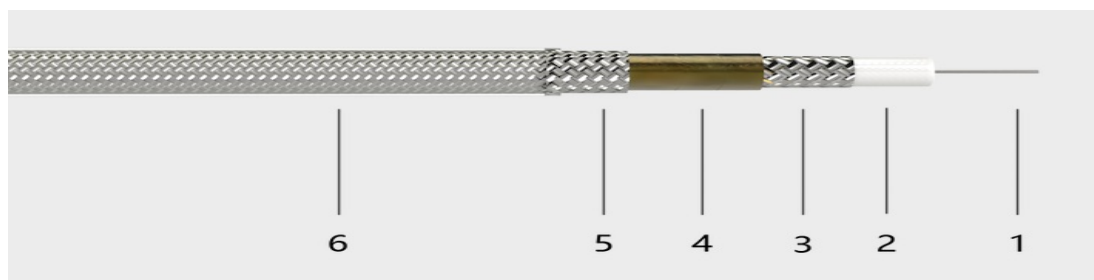


## LK-SF141 Semi-Flexible Low Loss Cable



| Electrical Characteristic                               |                 |
|---------------------------------------------------------|-----------------|
| PIM3 dBm                                                | 120             |
| PIM3 Test Frequency                                     | 820MHz-960MHz   |
|                                                         | 1700MHz-1900MHz |
|                                                         | 1860MHz-2100MHz |
|                                                         | 2100MHz-2250MHz |
| Attenuation dB/m                                        |                 |
| 0.5GHz                                                  | 0.22            |
| 1GHz                                                    | 0.31            |
| 1.5GHz                                                  | 0.38            |
| 2GHz                                                    | 0.44            |
| 2.5GHz                                                  | 0.51            |
| 3GHz                                                    | 0.58            |
| 6 GHz                                                   | 0.83            |
| Loss of Assembly=Loss of Cable+0.06*SQRT(Frequency GHz) |                 |

| Mechanical Characteristic |           |
|---------------------------|-----------|
| Weight (kg/100m)          | 4.7       |
| Temperature Range (°C)    | -65~165   |
| Minimum Bend Radius (mm)  | 21        |
| Bending Life              | ≥20 cycle |

| Construction           |     |                                        |
|------------------------|-----|----------------------------------------|
| 1.Inner Conductor (mm) | 1.0 | Silver-Plated Copper Wire              |
| 2.Insulation           |     | Low Density PTFE                       |
| 3.First Outer Shield   |     | Copper Foil                            |
| 4.Second Outer Shield  |     | Silver-Plated Copper wire Braid Tinned |
| 5.Jacket (mm O.D.)     | 4.1 | FEP                                    |



| Standard Connector |        |             |                 |                    |
|--------------------|--------|-------------|-----------------|--------------------|
| Connector Model    | Gender | Type        | Shell Material  | Frequency Max(GHz) |
| SMA-M              | Male   | Straight    | Stainless steel | 18                 |
| SMA-F              | Female | Straight    | Stainless steel | 18                 |
| SMA-RA             | Male   | Right Angel | Stainless steel | 18                 |
| N-M                | Male   | Straight    | Stainless steel | 18                 |
| N-F                | Female | Straight    | Stainless steel | 18                 |
| N-RA               | Male   | Right Angel | Stainless steel | 18                 |
| TNC-M              | Male   | Straight    | Stainless steel | 18                 |
| TNC-F              | Female | Straight    | Stainless steel | 18                 |

| Other Material |                                                             |
|----------------|-------------------------------------------------------------|
| Material Code  |                                                             |
| P S            | Polyolefin shrink tube cover                                |
| E P            | Extruded PVC cover                                          |
| L S            | Layered adhesive lined polyolefin shrink tube               |
| RoHS           | RoHS compliant cable assembly (per EU directive 2011-65-EU) |