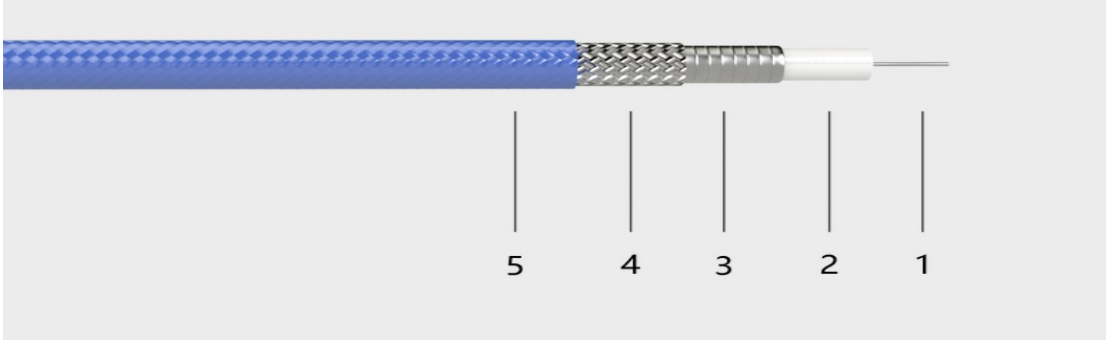
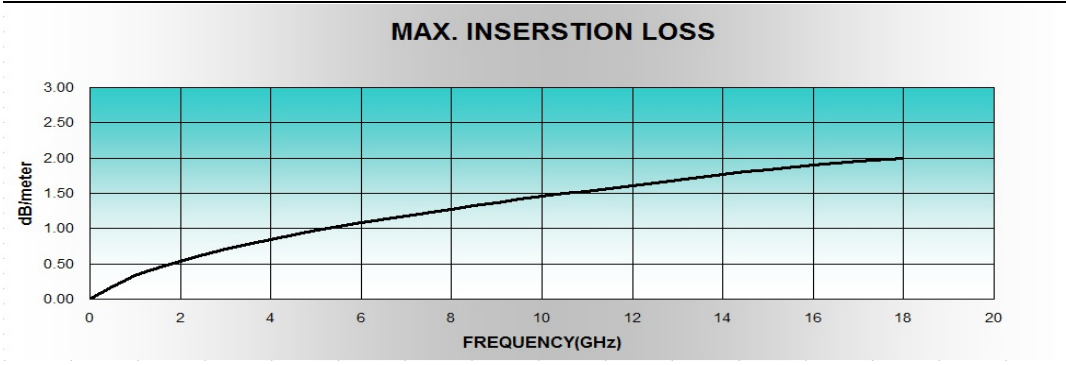
# LK-Maxflex 141 Low Loss Cable

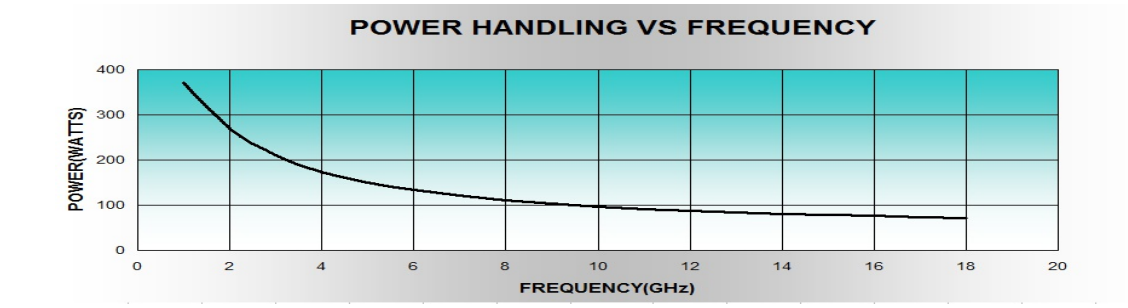



| Electrical Characteristic | |
|---|---|
| Frequency Range (GHz) | 34 |
| Impedance Nominal （Ω） | 50 |
| Velocity of Propagation(%) | 70 |
| Shielding Attenuation (dB@1 GHz) | >100 |
| Capacitance pf/ft (meter) | 29.4 (96.4) |
| Delay ns/ft (ns/meter) | 1.45(4.76) |
| Attenuation dB/ft (meter) | |
| 1GHz | 0.11(0.37) |
| 3GHz | 0.21(0.69) |
| 5GHz | 0.28(0.93) |
| 10GHz | 0.44(1.43) |
| 18 GHz | 0.61(2.0) |
| Loss of Assembly=Loss of Cable+0.06*SQRT(Frequency GHz) | |

| Mechanical Characteristic | |
|---|---|
| Weight (kg/100m) | 4.7 |
| Temperature Range (℃) | -65~+165 |
| Minimum Bend Radius inch (mm) | 0.24(6.2) |

| Construction | | |
|---|---|---|
| 1.Inner Conductor (mm) | 0.92 | Silver-Plated Copper Wire |
| 2.Insulation | | PTFE |
| 3.First Outer Shield | | Silver-Plated Copper foil Shield |
| 4.Second Outer Shield | | Silver-Plated Copper wire Braid |
| 5.Jacket (mm O.D.) | 4.1 | FEP Jacket |




| Standard Connector | | | | |
|---|---|---|---|---|
| Connector Model | Gender | Type | Shell Material | Frequency Max(GHz) |
| 3.5mm-M | Male | Straight | Stainless steel | 26.5 |
| 2.92mm-M | Male | Straight | Stainless steel | 34 |
| SMA-M | Male | Straight | Stainless steel | 18 |
| SMA-F | Female | Straight | Stainless steel | 18 |
| SMA-RA | Male | Right Angle | Stainless steel | 18 |
| N-M | Male | Straight | Stainless steel | 18 |
| N-F | Female | Straight | Stainless steel | 18 |
| N-RA | Male | Right Angle | 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) |