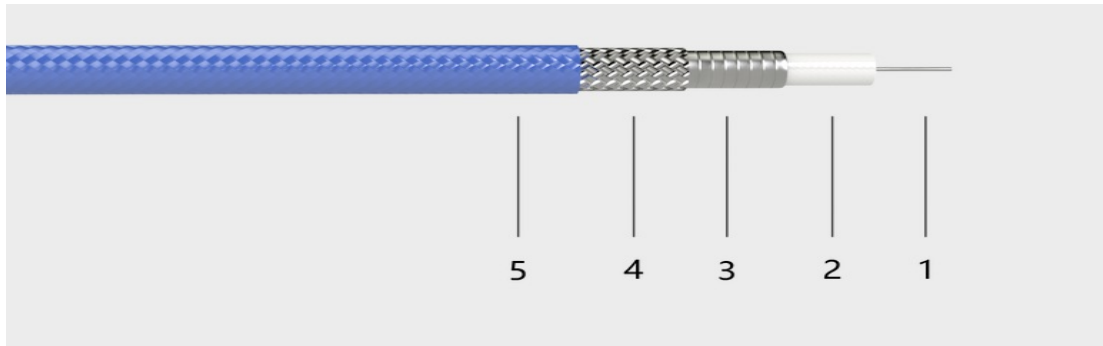


LK-Maxflex 086 Low Loss Cable

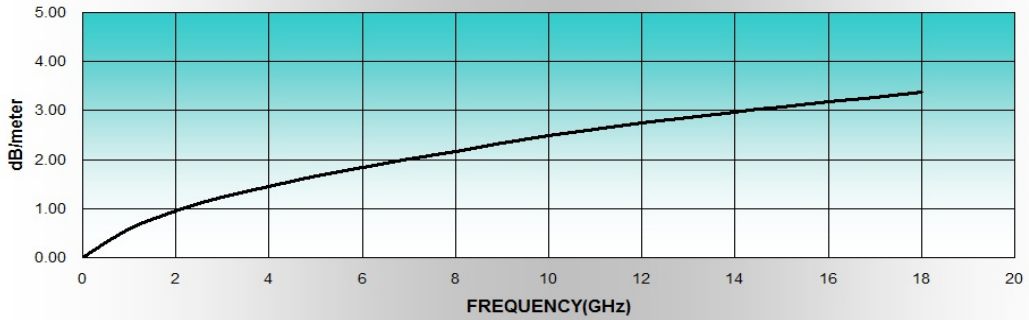


Electrical Characteristic	
Frequency Range (GHz)	40
Impedance Nominal (Ω)	50
Velocity of Propagation(%)	70
Shielding Attenuation (dB@1 GHz)	>100
Capacitance pf/ft (meter)	29.4 (96.4)
Delay ns/ft (ns/meter)	1.45(4.76)
Attenuation dB/ft (meter)	
1GHz	0.22(0.71)
3GHz	0.37(1.21)
5GHz	0.47(1.54)
10GHz	0.73(2.38)
18 GHz	1.03(3.38)
Loss of Assembly=Loss of Cable+0.06*SQRT(Frequency GHz)	

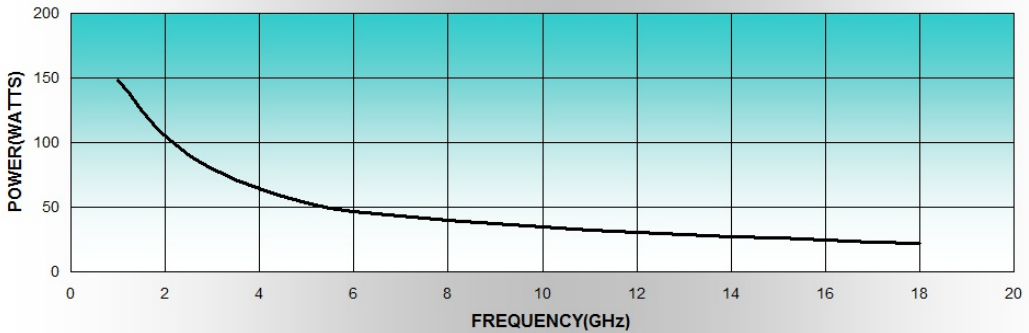
Mechanical Characteristic	
Weight (kg/100m)	2.1
Temperature Range ($^{\circ}\text{C}$)	-65~+165
Minimum Bend Radius inch (mm)	0.15(3.9)

Construction		
1.Inner Conductor (mm)	0.52	Silver-Plated Copper Clad Steel 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.)	2.6	FEP Jacket

MAX. INSERTION LOSS



POWER HANDLING VS FREQUENCY



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	40
SMA-M	Male	Straight	Stainless steel	18
SMA-F	Female	Straight	Stainless steel	18
SMA-RA	Male	Right Angle	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)