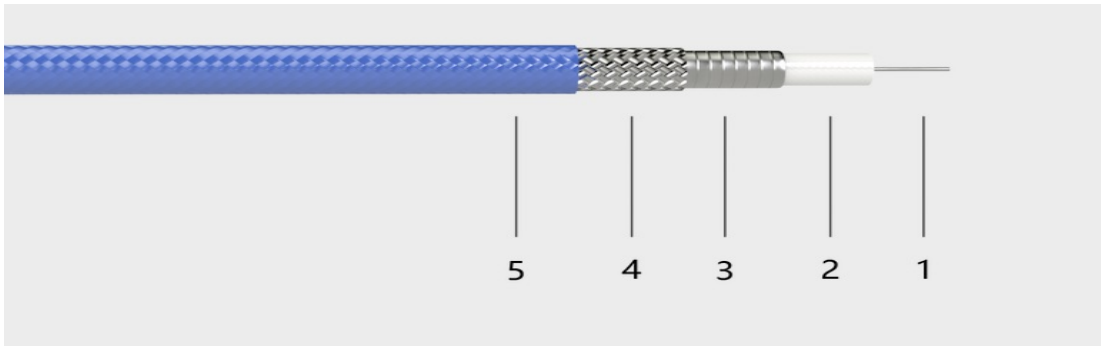


### LK-Maxflex 250 Low Loss Cable

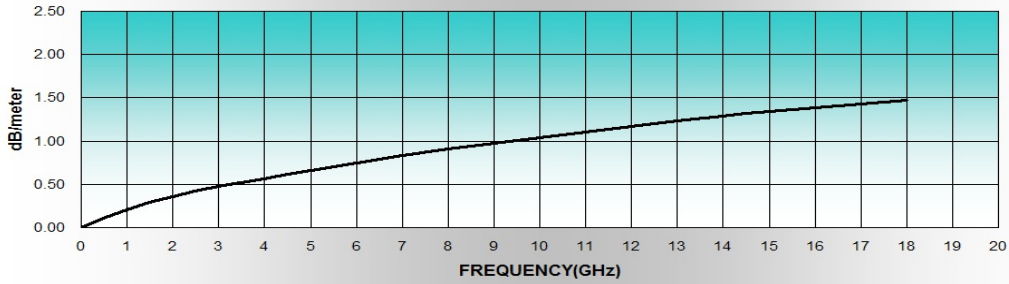


Electrical Characteristic	
Frequency Range (GHz)	18
Impedance Nominal ( $\Omega$ )	50
Velocity of Propagation(%)	70
Shielding Attenuation (dB@1 GHz)	>100
Capacitance pf/ft (meter)	29.4 (96.4)
Delay ns/ft (ns/meter)	1.45(4.76)
Attenuation dB/ft (meter)	
1GHz	0.07(0.24)
3GHz	0.14(0.46)
5GHz	0.18(0.59)
10GHz	0.30(1.0)
18 GHz	0.45(1.47)
Loss of Assembly=Loss of Cable+0.06*SQRT(Frequency GHz)	

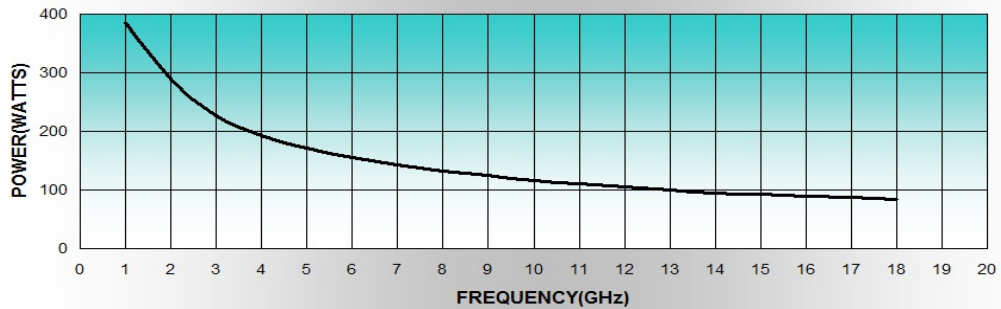
Mechanical Characteristic	
Weight (kg/100m)	13.8
Temperature Range ( $^{\circ}\text{C}$ )	-65~+165
Minimum Bend Radius inch (mm)	0.41(10.4)

Construction		
1.Inner Conductor (mm)	1.65	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.)	6.9	FEP Jacket

**MAX. INSERTION LOSS**



**POWER HANDLING VS FREQUENCY**



**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 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)