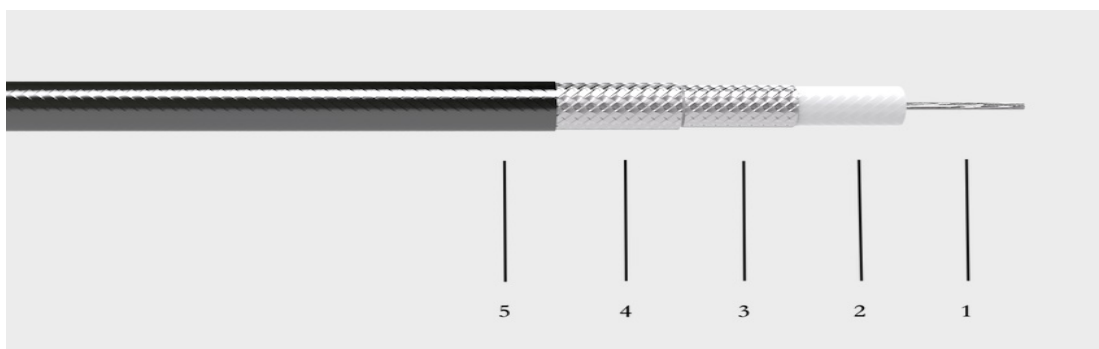


### LKF520 Flexible Low Loss Cable

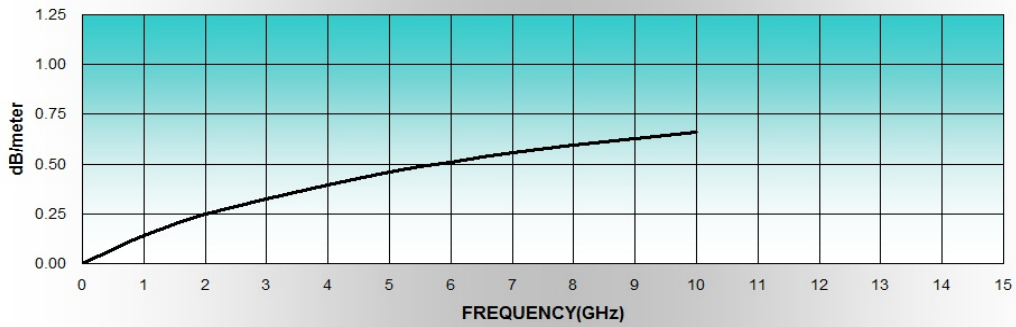


Electrical Characteristic	
Frequency Range (GHz)	10
Impedance Nominal ( $\Omega$ )	50
Velocity of Propagation(%)	80
Shielding Attenuation (dB@1 GHz)	>90
Capacitance pf/ft (meter)	26.5(87)
Delay ns/ft (ns/meter)	1.27(4.16)
Attenuation dB/ft (meter)	
1GHz	0.05(0.17)
3GHz	0.09(0.31)
6GHz	0.16(0.51)
10 GHz	0.20(0.66)
Loss of Assembly=Loss of Cable+0.06*SQRT(Frequency GHz)	

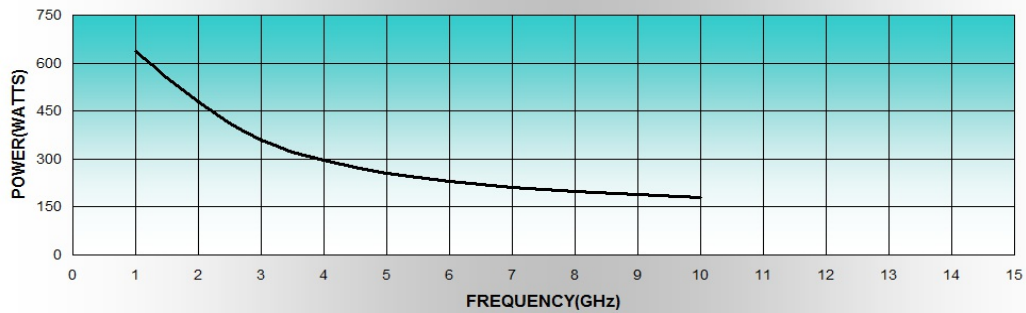
Mechanical Characteristic	
Weight (kg/100m)	30
Temperature Range ( $^{\circ}$ C)	-55~85
Minimum Bend Radius inch (mm)	2.64(67)

Construction		
1.Inner Conductor (mm)	3.35	Silver-Plated Copper Wire Stranded
2.Insulation		Low Density PTFE
3.First Outer Shield		Silver-Plated Copper Flat Wire Braid
4.Second Outer Shield		Silver-Plated Copper Flat Wire Braid
5.Jacket (mm O.D.)	13.2	PU Jacket

**MAX. INSERSTION LOSS**



**POWER HANDLING VS FREQUENCY**



Standard Connector				
Connector Model	Gender	Type	Shell Material	Frequency Max(GHz)
N-M	Male	Straight	Stainless Steel	15
N-F	Female	Straight	Stainless Steel	15
N-RA	Male	Right Angle	Stainless Steel	15
TNC-M	Male	Straight	Stainless Steel	15
TNC-F	Female	Straight	Stainless Steel	15

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)