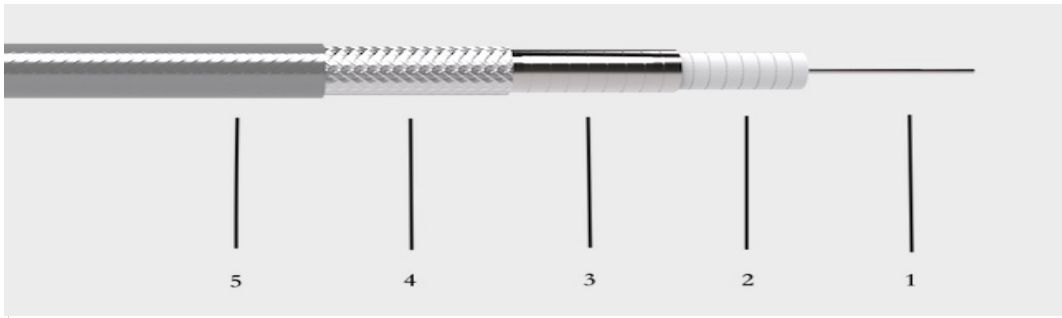


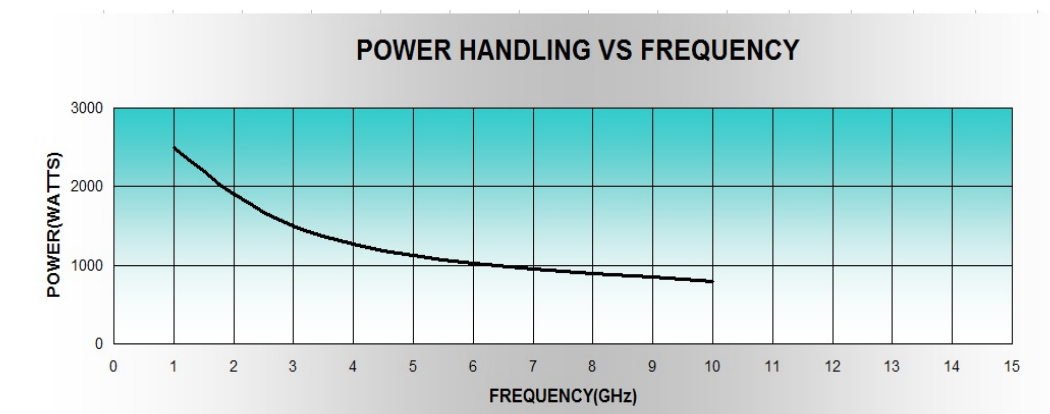
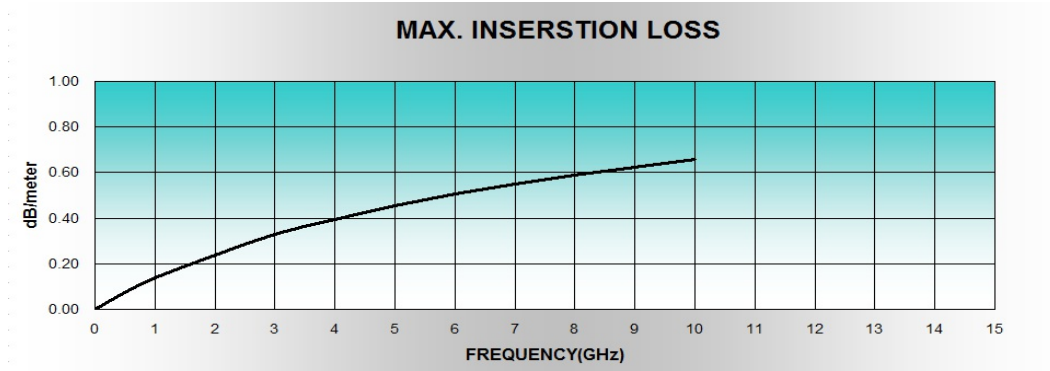
### LK450 High Power Low Loss Cable



Electrical Characteristic	
Frequency Range (GHz)	10
Impedance Nominal ( $\Omega$ )	50
Velocity of Propagation (%)	80
Shielding Attenuation (dB@1 GHz)	>100
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)	29
Temperature Range ( $^{\circ}\text{C}$ )	-65~165
Minimum Bend Radius inch (mm)	0.68(17.1)

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.)	11.4	FEP Jacket



Standard Connector				
Connector Model	Gender	Type	Shell Material	Frequency Max(GHz)
N-M	Male	Straight	Stainless Steel	10
N-F	Female	Straight	Stainless steel	10
N-RA	Male	Right Angle	Stainless steel	10
L16-M	Male	Straight	Stainless steel	10
L16-F	Female	Straight	Stainless steel	10
L16-RA	Male	Right Angle	Stainless steel	10

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)