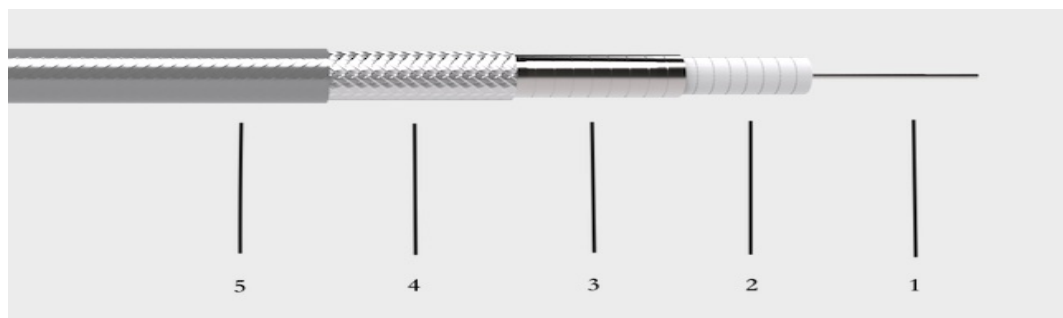


LK390 High Power Low Loss Cable

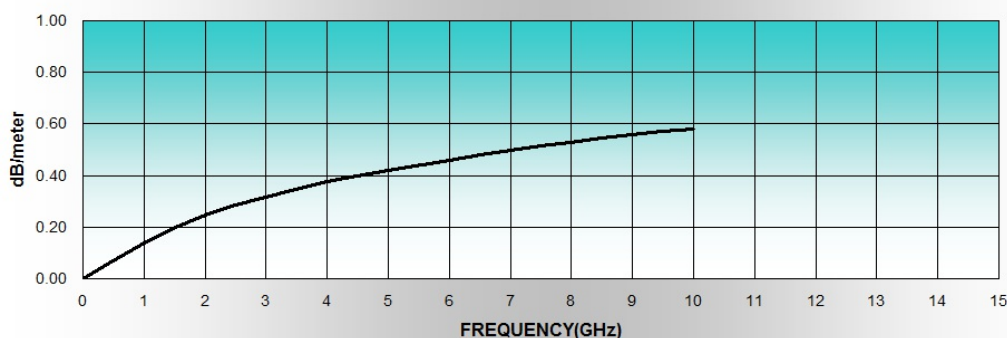


Electrical Characteristic	
Frequency Range (GHz)	14
Impedance Nominal (Ω)	50
Velocity of Propagation (%)	83
Shielding Attenuation (dB@1 GHz)	>100
Capacitance pf/ft (meter)	24.5 (80.4)
Delay ns/ft (ns/meter)	1.22(3.99)
Attenuation dB/ft (meter)	
1GHz	0.05(0.17)
3GHz	0.09(0.29)
6GHz	0.13(0.41)
10 GHz	0.18(0.58)
Loss of Assembly=Loss of Cable+0.06*SQRT(Frequency GHz)	

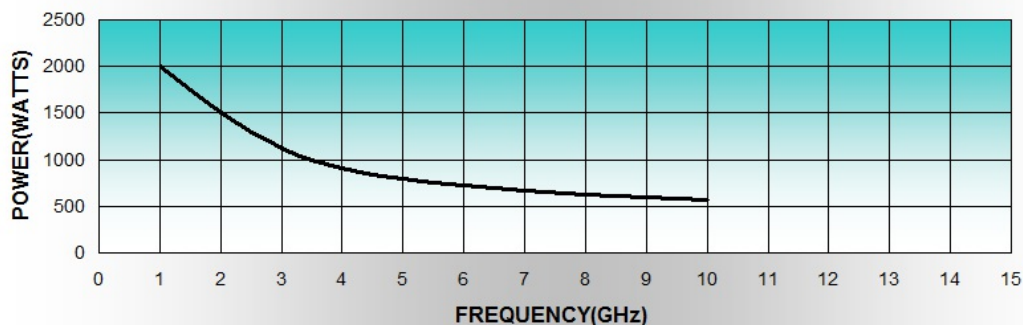
Mechanical Characteristic	
Weight (kg/100m)	21
Temperature Range (°C)	-65~165
Minimum Bend Radius inch (mm)	0.58(14.9)

Construction		
1.Inner Conductor (mm)	3.2	Silver-Plated Copper Wire Stranded
2.Insulation		Low Density PTFE
3.First Outer Shield		Silver-Plated Copper Foil Shield
4.Second Outer Shield		Silver-Plated Copper wire Braid
5.Jacket (mm O.D.)	9.9	FEP Jacket

MAX. INSERTION LOSS



POWER HANDLING VS FREQUENCY



Standard Connector

Connector Model	Gender	Type	Shell Material	Frequency Max(GHz)
N-M	Male	Straight	Stainless Steel	14
N-F	Female	Straight	Stainless Steel	14
N-RA	Male	Right Angle	Stainless Steel	14
TNC-M	Male	Straight	Stainless Steel	14
TNC-F	Female	Straight	Stainless Steel	14

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)