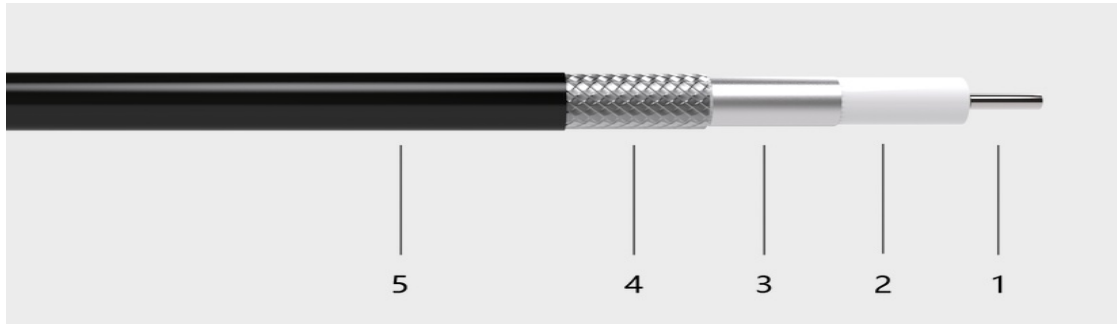


LK--PF195 Low Loss Cable



Electrical Characteristic	
Frequency Range (GHz)	39
Impedance Nominal (Ω)	50
Velocity of Propagation(%)	83
Shielding Attenuation (dB@1 GHz)	>90
Capacitance pf/meter	80.3
Delay ns/meter	4.02
Attenuation dB/100meter	
220MHz	15.9
450MHz	22.8
900MHz	32.6
1.5GHz	42.4
2.5GHz	55.4
5.8GHz	86.5
Loss of Assembly=Loss of Cable+0.06*SQRT(Frequency GHz)	

Mechanical Characteristic	
Weight (kg/100m)	3
Temperature Range (°C)	-40~85
Minimum Bend Radius (mm)	25

Construction		
1.Inner Conductor (mm)	1.12	Bare Copper Wire
2.Insulation		Low Density PE
3.First Outer Shield		Al Plastic Film
4.Second Outer Shield		Silver-Plated Copper wire Braid
5.Jacket (mm O.D.)	4.95	Low Smoke halogen-free flame retardant PE or TPU



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 Angel	Stainless steel	18
N-M	Male	Straight	Stainless steel	18
N-F	Female	Straight	Stainless steel	18
N-RA	Male	Right Angel	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)