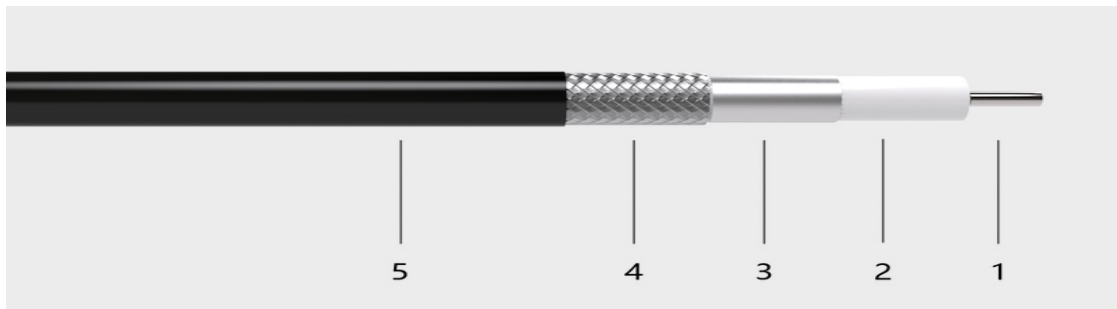


LK--PF300 Low Loss Cable



Electrical Characteristic	
Frequency Range (GHz)	24
Impedance Nominal (Ω)	50
Velocity of Propagation(%)	85
Shielding Attenuation (dB@1 GHz)	>90
Capacitance pf/meter	78.4
Delay ns/meter	3.92
Attenuation dB/100meter	
220MHz	9.6
450MHz	13.8
900MHz	19.9
1.5GHz	26
2.5GHz	34.2
5.8GHz	54.2
Loss of Assembly=Loss of Cable+0.06*SQRT(Frequency GHz)	

Mechanical Characteristic	
Weight (kg/100m)	8
Temperature Range ($^{\circ}\text{C}$)	-40~85
Minimum Bend Radius (mm)	38

Construction		
1.Inner Conductor (mm)	1.78	Bare Copper Wire or Copper Clad Al 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.)	7.62	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)