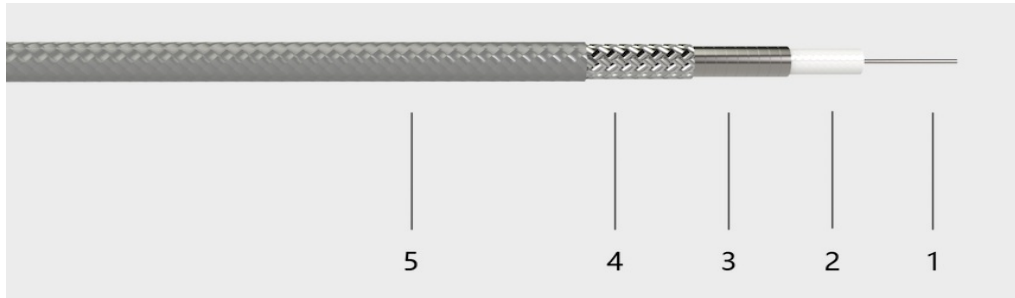


**LK230 Stable Phase Low Loss Cable**



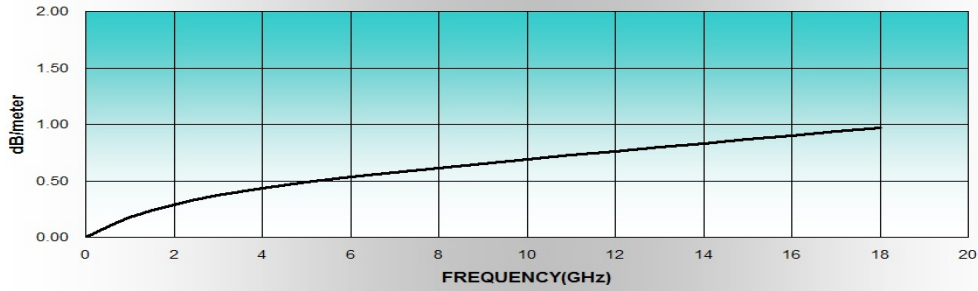
Electrical Characteristic	
Frequency Range (GHz)	26.5
Impedance Nominal ( $\Omega$ )	50
Velocity of Propagation(%)	83
Shielding Attenuation (dB@1 GHz)	>100
Capacitance pf/ft (meter)	24.5 (80.4)
Delay ns/ft (ns/meter)	1.22(3.99)
Attenuation dB/ft (meter)	
1GHz	0.06(0.21)
3GHz	0.11(0.37)
6GHz	0.17(0.56)
18 GHz	0.30(0.98)
Temperature phase stability (-40~100°C)	$\ \Delta\eta\ _{\max} \leq 500\text{PPM}$
Bend phase stability	coil diameter 75mm, $\leq 3^\circ$ /18 GHz

Mechanical Characteristic	
Weight (kg/100m)	8
Temperature Range (°C)	-65~165
Minimum Bend Radius inch (mm)	1.14 (29)

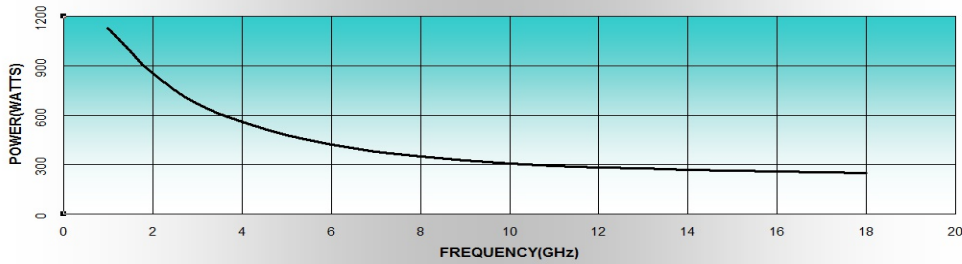
Construction		
1.Inner Conductor (mm)	1.80	Silver-Plated Copper Wire
2.Insulation	4.60	Low Density PTFE
3.First Outer Shield	4.80	Silver-Plated Copper Foil Shield
4.Second Outer Shield	5.30	Silver-Plated Copper wire Braid
5.Jacket (mm O.D.)	5.80	FEP Jacket



**MAX. INSERTION LOSS**



**POWER HANDLING VS FREQUENCY**



**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 Angle	Stainless Steel	18
N-M	Male	Straight	Stainless Steel	18
N-F	Female	Straight	Stainless Steel	18
N-RA	Male	Right Angle	Stainless Steel	18
TNC-M	Male	Straight	Stainless Steel	18
TNC-F	Female	Straight	Stainless Steel	18
TNC-RA	Male	Right Angle	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)