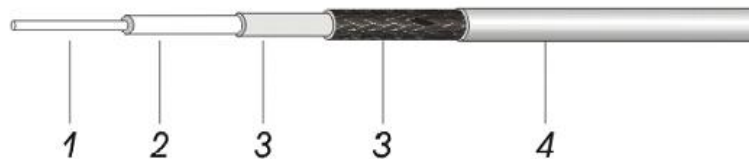


# LKF240



## 结构参数 Construction Specification

	材料 Material	直径 Diameter(mm)
1.内导体 Inner Conductor	裸铜线 Bare Copper	1.42
2.绝缘体 Dielectric	发泡聚乙烯 Foam PE	3.81
3.外导体 Outer Conductor	自粘铝箔+镀锡铜线编织 Bonded Aluminum Foil+Tinned Copper Braid	4.52
4.护套 Jacket	聚乙烯 PE	6.10

## 电性能参数&机械性能参数 Electrical Characteristics& Mechanical Characteristics

阻抗 Impedance(Ohm)	50
电容 Capacitance(pF/m)	80
速率 Velocity(%)	84
护套耐压 Jacket Spark(VRMS)	5000
峰值功率 Peak Power Rating(KW)	5.6
屏蔽衰减 Shielding Effectiveness(>dB)	90
截止频率 Cut-off Frequency(GHz)	31

## 衰减和平均功率(20℃,在海平面测试条件下)

### Attenuation&Average Power@20℃ and Sea Level

频率 Frequency(MHz)	衰减 Attenuation(dB/m)	平均功率 Average Power(kw)
30	0.04	1.49
50	0.05	1.15
150	0.10	0.66
220	0.12	0.54
450	0.17	0.38
900	0.24	0.26
1500	0.32	0.20
1800	0.35	0.18
2000	0.37	0.17
2500	0.42	0.15
5800	0.66	0.10