
2.4GHz 18dBi Flat Panel Antenna

Specifications

Model	ANT2400D18W
Freq. Range	2400-2483.5 MHz
Bandwidth	83.5 MHz
Gain	18 dBi
Horizontal Beamwidth	20°
Vertical Beamwidth	20°
F/B	≥28 dB
VSWR	<1.8Type; 2.0Max
Nominal Impedance	50 Ω
Polarization	Horizontal or Vertical
Max Power	100 W
Connector	N Female
Dimension	304x304x24 mm
Weight	1.4 kg



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The Lanbowan policy of continuing development may result in improvement or change to this product.

K-LMR200

0183M1-7



结构参数: Parameters

项目 Items	材料 materials	直径(mm) diameter
1. 内导体 Inner conductor	裸铜线 Copper Clad AL	1.12
2. 绝缘体 Dielectric	发泡聚乙烯 Froth polyethylene	2.95
3. 外导体 Outer conductor	白粘铝箔+ 镀铜铜线编织 Tinned copper wire braid	3.66
4. 护套 Jacket	PE 聚乙烯 (或其他材料) PE polyethylene	4.95

电性能参数: Performance parameters

电容(pF/m) Capacitance	80.4
阻抗(欧姆) Impedance	50
速率(%) Rate	83
护套耐压(VRMS) Jacket Electric strength	3000
峰值功率 (kw) Peak power	2.5
屏蔽衰减(dB) Shielded attenuation	90
截止频率(GHz) Cut off frequencies	39

衰减 & 平均功率 Attenuation & Avg. Power

频率 Frequency (MHz)	衰减 Attenuation (dB/100m)	平均功率 Avg. Power (KW)
30	5.8	1.02
50	7.5	0.79
150	13.1	0.45
220	15.9	0.37
450	22.8	0.26
900	32.6	0.18
1500	42.4	0.14
1800	46.6	0.13
2000	49.3	0.12
2500	55.4	0.10
5800	86.5	0.07



