

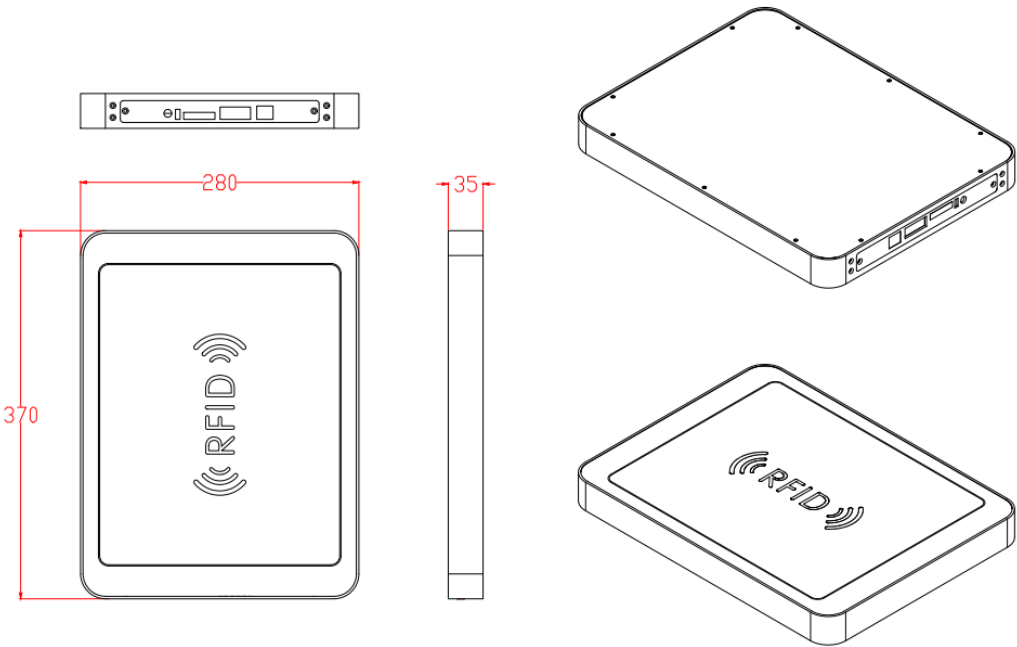
LT-DS801J-370

Antenna Specifications

A. Summary

Manufacturer	Elfday RFID Technology Co., Ltd.
Address	8th Floor, Building 7, No. 2 Huangyong Industrial Road, Zhongtang Town, Dongguan City, Guangdong Province, China
Model	LT-DS801J-370
Frequency Range	902 – 928 MHz
Polarization	Circular polarization
Maximum Gain (Value)	7.23 dBi (Peak)
VSWR	≤1.4
Impedance	50Ω
Antenna Dimensions	370*280*35mm
Weight	1.3kg
Color	Black
Operating temperature	-20-60°C

B. Antenna Dimensions



C. VSWR



D. Antenna Passive parameters

序号	7	8	9	10	11	
频率(MHz)	902.0	915.0	920.0	925.0	928.0	
效率 (dBi)	-2.91	-2.29	-2.31	-2.38	-2.48	
增益 (dBi)	7.16	7.23	6.96	7.09	7.04	
效率 (%)	51.11	59.05	58.70	57.80	56.51	
方向性(dB)	10.08	9.52	9.28	9.47	9.52	
最大增益位置(theta)	14.00	14.00	15.00	21.00	21.00	
最大增益位置(Phi)	149.00	36.00	34.00	225.00	219.00	
水平极化效率(%)	24.64	25.46	23.26	22.16	22.04	
垂直极化效率(%)	26.47	33.58	35.44	35.64	34.47	
上半球效率 (%)	46.40	55.41	55.09	54.41	53.41	
下半球效率 (%)	4.71	3.63	3.61	3.39	3.10	
T90(H)圆度	15.61	12.99	14.60	15.80	15.11	
E1面(XZ)波瓣宽度	55.25	64.75	67.23	68.87	68.45	
E1面(XZ)前后比	12.86	16.39	16.58	16.61	16.85	
E2面(YZ)波瓣宽度	75.63	75.82	77.35	77.26	78.29	
E2面(YZ)前后比	16.84	16.39	14.83	15.08	15.57	

902MHz

