

1.5dBi 580-700MHz Omni Fiberglass Antenna



Electrical Specifications 电性指标

Part Number 料号	CWBLG0507V01CB3BN
Frequency Range 频率范围	580-700MHz
Bandwidth 带宽	120MHz
Peak Gain 峰值增益	1.5dBi
Radiation Direction 辐射方向	Omnidirectional
Polarization 极化方式	Vertical
Electrical Downtilt 电下倾角	/
Half Power Beamwidths 半功率波瓣宽度	/
First Upper Sidelobe Suppression 第一上旁瓣抑制	/
Front-to-rear ratio 前后比	/
Impedance 输入阻抗	50Ω
VSWR 电压驻波比	≤2.0
Maximum Power 最大功率	100W
Lightning Protection 雷电保护	DC Grounding

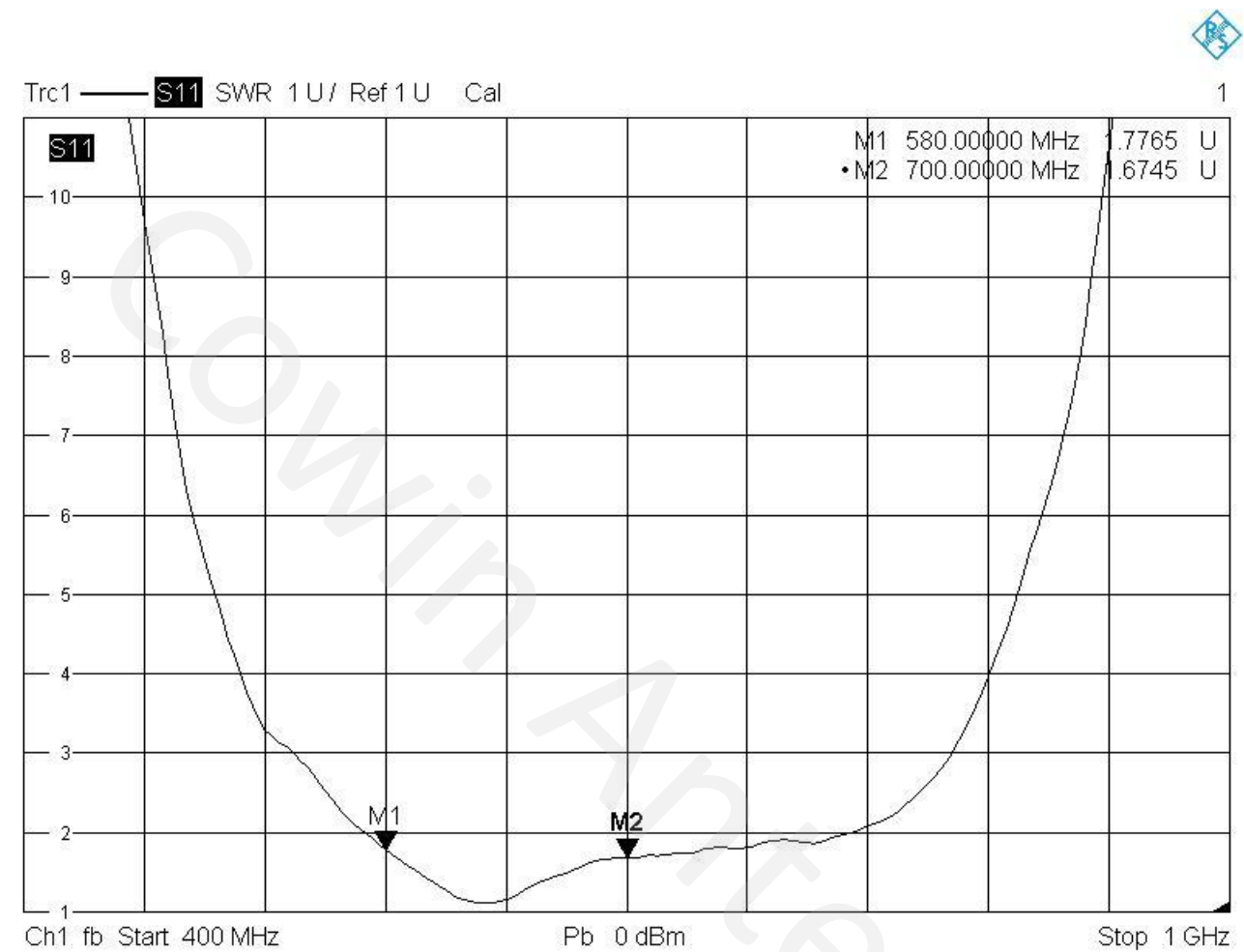
Mechanical Specifications 机械性能

Connector Type 接头类型	Fixed N Male
Connector Position 接头位置	Bottom
Cable type 线材类型	/
Antenna Size 天线尺寸	200*32MM
Antenna Weight 天线重量	0.3KG
Radome Material 外罩材料	Fiberglass
Radome Colour 外罩颜色	Black
Mechanically Adjustable Tilt Angle 机械可调倾角	/
Temperature Range 温度	-40-85℃
Extreme Wind Speed 极限风速	60m/s
Pole Diameter 抱杆直径	30-50MM
Mounting Method 安装方式	Use with suction cups and other mounting bases
Mounting Model 安装件型号	/
Environmental Standards 环保标准	ROHS/REACH





V.S.W.R



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Efficiency

Frequency (MHz)	Efficiency (%)
580	66.52
592	68.37
604	66.79
616	66.74
628	66.62
640	66.67
652	66.06
664	66.96
676	66.66
688	65.39
700	65.61

Peak Gain

Frequency (MHz)	Max Gain (dBi)
580	1.74
592	1.98
604	1.22
616	1.51
628	1.36
640	1.36
652	1.73
664	1.65
676	1.88
688	1.28
700	1.22

2D Radiation Patterns

