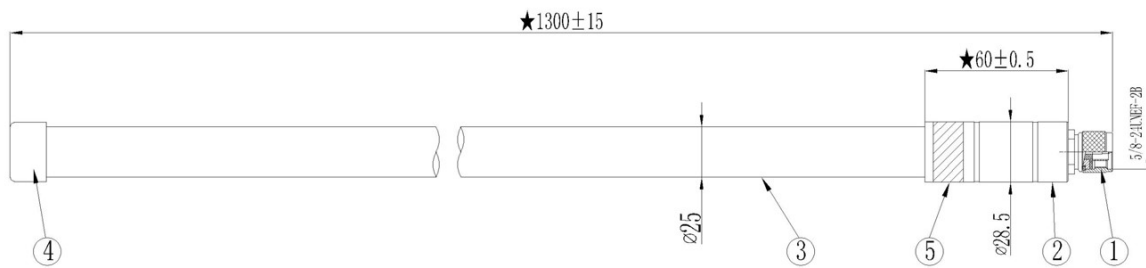


858-878MHZ 8dbi Antenna Specification

Product name: 858-878MHZ 8dbi fiberglass antenna

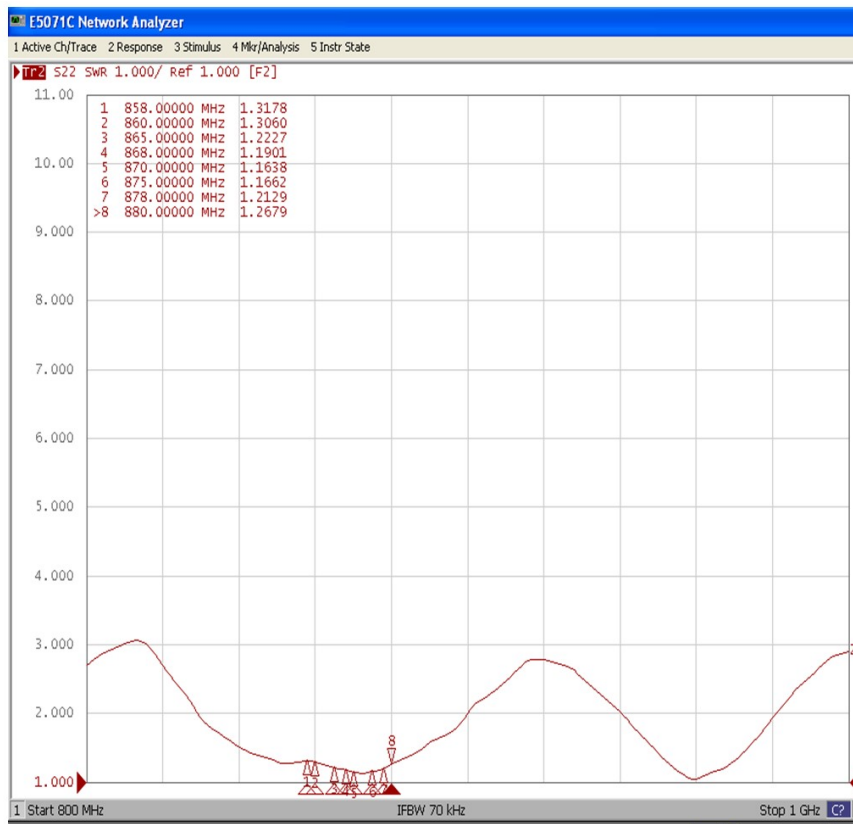
Model: V1799-030-A-02



Product specification:

Parameter	
Frequency	858-878MHz
Bandwidth	20MHz
Impedance	50Ω
VSWR	≤1.5
Gain	8.0±1dBi
Max. Efficiency	≤69%
Polarization	Linear polarization/Vertical
Radiation pattern	Omni-directional
Connector	N-J
Mechanical Parameter	
Length	1300±15mm
Salt Spray Test	48H
Environment Parameter	
Operation Temperature	-30℃~65℃
Storage Temperature	-30℃~75℃

Radiation Report



Performance Spec.

Test Item	Performance standard	Test Freq.(MHZ)	Result
			V
Horizontal Beam width (3dB)	360 °	858	360
		863	360
		868	360
		873	360
		878	360
Ovality	<2dB	858	1.51
		863	1.73
		868	1.96
		873	1.87
		878	1.67
Vertical Beam width (3dB)	10±2°	858	10.48
		863	10.76
		868	11.05
		873	11.36
		878	11.78
Gain	8±1dBi	858	7.56
		863	7.53
		868	7.45
		873	7.39
		878	7.37

ANTO		
Frequency	Efficiency	Gain
858	69%	7.56
863	69%	7.53
868	69%	7.45
873	68%	7.39
878	68%	7.37

858-878MHz Radiation Graphs

