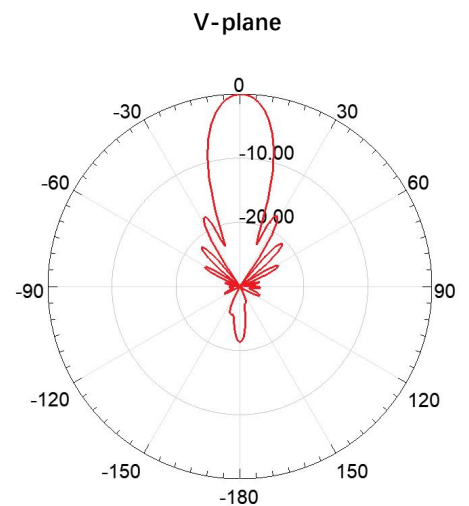
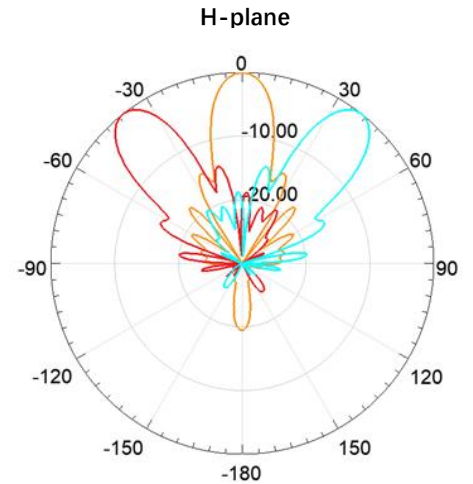


# 1710-2690MHz 6-Port Three Beam Lens Antenna

## Electrical Specifications

Product Name	6-Port Three Beam Lens Antenna
Model	EHS1LB025A
Frequency (MHz)	1710-2690
Number of Port	6
Gain (dBi)	17±2
Number of Beam	3
Horizontal Beam Pointing(°)	0, ±37
Horizontal 3dB Beam width (°)	23±5
Horizontal 10dB Beam width (°)	38±9
Vertical 3dB Beam width (°)	24±4
Vertical 10dB Beam width (°)	39±5
Beam Crossing (dB)	-10±3
Horizontal Coverage(°)	120
Upper Sidelobe Suppression	-15
Front to Back Ratio (dB)	≥25
Polarization (°)	±45
Isolation of Polarized Ports (dB)	≥25
Isolation of Beam Ports (dB)	≥23
VSWR	≤1.5
Input Impedance (Ω)	50
Power Rating (W)	6×100
Intermodulation IM3 (dBm, 2×43dBm)	≤-107



## Mechanical Specifications

Mechanical Down-Tilt (°)	0~20
Antenna Dimension (mm)	524×448×448
Packaging Dimension (mm)	640×530×610
Net Weight (Kg)	8.4
Gross Weight (Kg)	16
Clip Weight (Kg)	2.8
Connector	6*7/16DIN-Female
Mounting Pole Diameter (mm)	40-114
Radome Material	ASA
Rated Wind Velocity (m/s)	55
Operating Temperature (°C)	-40~+70
Operating Humidity	5%~95%
Lighting Protection	DC Ground



**Schematic diagram of antenna**