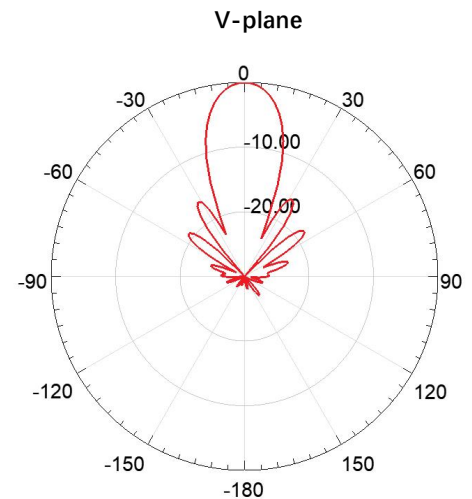
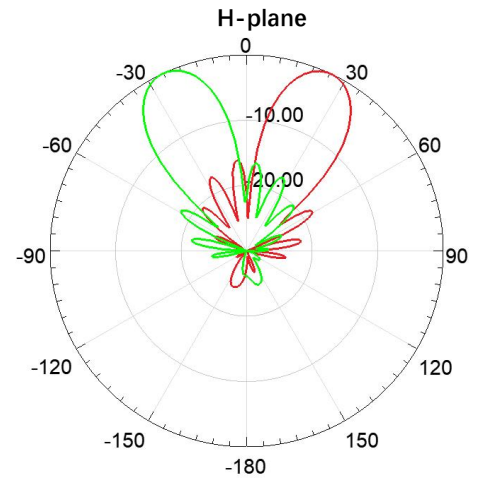


## 1710-2690MHz 4-Port Dual Beam Lens Antenna

### Electrical Specifications

Product Name	4-Port Dual Beam Lens Antenna
Model	EHS3AZA242
Frequency (MHz)	1710-2200/2200-2690
Number of Port	4
Gain (dBi)	15±1/17±1
Number of Beam	2
Horizontal Beam Pointing(°)	±29
Horizontal3dB Beam width (°)	28±4/23±3
Horizontal10dB Beam width (°)	47±5/39±4
Vertical 3dB Beam width (°)	26±4/23±3
Vertical 10dB Beam width (°)	46±5/39±4
Beam Crossing (dB)	/
Horizontal Coverage(°)	120
Upper Sidelobe Suppression	-13
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)	4×180
Intermodulation IM3 (dBm, 2×43dBm)	≤-107



### Mechanical Specifications

Mechanical Down-Tilt (°)	0~20
Antenna Dimension (mm)	394×400×400
Packaging Dimension (mm)	620×515×515
Net Weight (Kg)	7.15
Gross Weight (Kg)	13
Clip Weight (Kg)	2.8
Connector	4*7/16DIN-Female
Mounting Pole Diameter (mm)	∅ 50-114
Radome Material	UPVC
Rated Wind Velocity (m/s)	55
Operating Temperature (°C)	-40~+70
Operating Humidity	5%~95%
Lighting Protection	DC Ground



**Schematic diagram of antenna**