

8 Ports Dual Beam 4T4R Lens Antenna— EHS3AZA282**8 x 1710-2690 MHz****Antenna Specification**

Electrical Properties	
Product Name	8 Ports Single Beam Lens Antenna
Model	EHS3AZA282
Frequency (MHz)	1710-2200/2200-2690
Beam Quantity	2
Number of Port	8
Polarization	±45
Gain(dBi)	15±1/17±1
Horizontal Beam Pointing (°)	±29
Horizontal Plane 3dB Beamwidth (°)	28±4/23±3
Horizontal Plane 10dB Beamwidth (°)	47±5/39±4
Vertical Plane 3dB Beamwidth (°)	26±4/23±3
Vertical Plane 10dB Beamwidth (°)	46±5/39±4
Sidelobe Suppression (dB)	13
Front to Back Ratio (dB)	25
Isolation Between Polarization (dB)	≥25
Isolation Between Beam Port (dB)	≥23
Electrical Downtilt Range (°)	Fixed at 0°
VSWR	≤1.5
Intermodulation IM3 dBc (2×43dBm)	≤-150
Power Rating (W)	180W per Port
Input Impedance (Ω)	50
Lighting Protection	DC Ground

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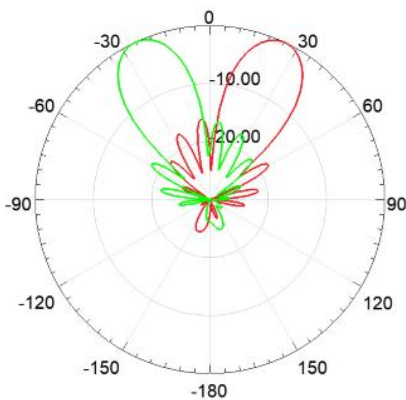
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Mechanical Properties	
Mechanical Down-Tilt (°)	0-20
Antenna Dimension (mm)	740×400×400
Packaging Dimension (mm)	965×515×515
Net Weight (Kg)	11
Gross Weight (Kg)	17.6
Connector	8*4.3-10(Female)
Mounting Diameter (mm)	∅ 50-114
Radome Material	ASA, UV Protection
Wind Speed, Maximum	241Km/h
Wind Loading @ Velocity in Frontal/Side/Rear	286.8N/286.8N/216.5N @ 150-160Km/h
Operating Temperature (°C)	-40~+70
Operating Humidity	5%~95%
Antenna Safety	RoHS 2011/65/EU

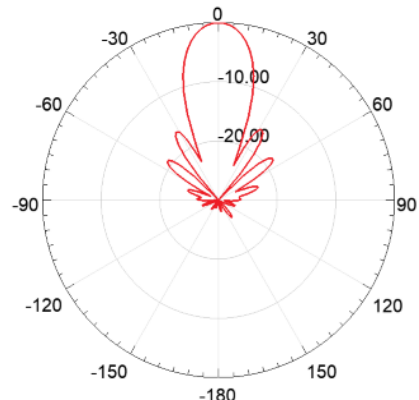


Antenna Appearance

Antenna Pattern



H-Plane



V-Plane