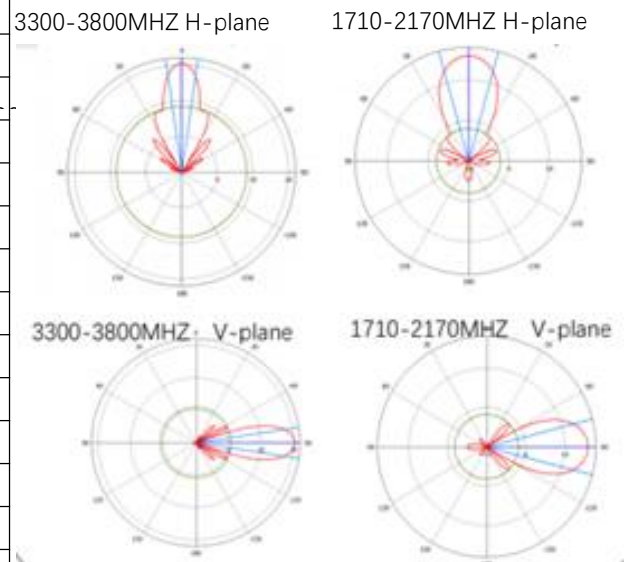


4+8 Port Dual Band Single Beam Lens Antenna

Electrical Specifications

Product Name	4+8 Port Dual Band Single Beam Lens Antenna
Model	EHS1LB076A
Frequency (MHz)	1710-2170/3300-3600
Number of Port	4/8
Gain (dBi)	14.5±1/16±1
Number of Beam	1
Horizontal Beam Pointing(°)	0
Horizontal 3dB Beam width (°)	30±8/22±5
Horizontal 10dB Beam width (°)	55±15/40±15
Vertical 3dB Beam width (°)	30±8/15±5
Vertical 10dB Beam width (°)	55±15/30±15
Beam Crossing (dB)	
Horizontal Coverage(°)	
Sidelobe Suppression	>15
Front to Back Ratio (dB)	>22
Polarization (°)	±45
Isolation of Polarized Ports (dB)	≥25
Isolation of Beam Ports (dB)	
VSWR	≤1.5
Input Impedance (Ω)	50
Power Rating (W)	16X60
Intermodulation IM3	



Mechanical Specifications

Mechanical Down-Tilt (°)	0~20
Antenna Dimension (mm)	1484×433×305
Packaging Dimension (mm)	1755×475×580
Net Weight (Kg)	21.5
Connector	12×7/16 DIN-Female
Mounting Pole Diameter (mm)	50-114
Radome Material	ASA
Rated Wind Velocity (m/s)	55
Operating Temperature (°C)	-40~+70
Operating Humidity	30%~90%
Lighting Protection	DC Ground



Schematic diagram of antenna