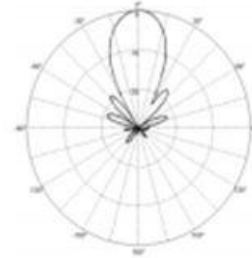


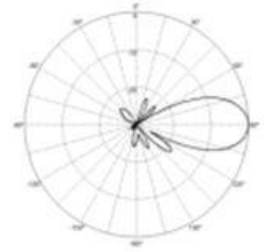
2+2+4 Port ESC Single Beam Lens Antenna

Electrical Specifications

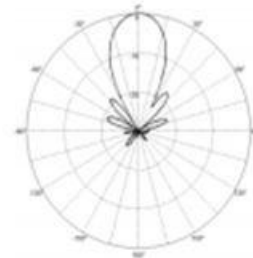
Product Name	2+2+4 Port ESC Single Beam Lens Antenna
Model	EHS1LB105D-R
Frequency (MHz)	1710-1830/1885-2025/2515-2675
Number of Port	2/2/4
Gain (dBi)	≥13.5/≥14/≥15
Number of Beam	1
Horizontal Beam Pointing(°)	0
Horizontal3dB Beam width (°)	≥27/≥25/≥23
Horizontal10dB Beam width (°)	
Vertical 3dB Beam width (°)	≥24/≥21/≥16
Vertical 10dB Beam width (°)	
Beam Crossing (dB)	
Horizontal Coverage(°)	
Sideline Suppression	>15
Front to Back Ratio (dB)	>25
Polarization (°)	±45
Isolation of Polarized Ports (dB)	≥25
Isolation of Beam Ports (dB)	
VSWR	≤1.5
Input Impedance (Ω)	50
Power Rating (W)	8X100
Intermodulation IM3	≤-100/-/-



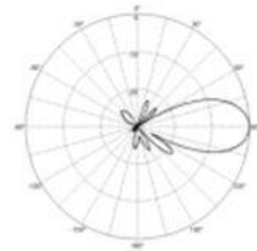
H-plane



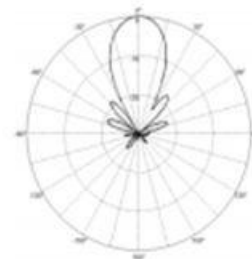
V-plane



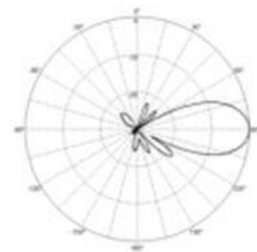
H-plane



V-plane



H-plane



V-plane

Mechanical Specifications

Mechanical Down-Tilt (°)	0~20
Antenna Dimension (mm)	926×400×400
Packaging Dimension (mm)	925×865×1035
Net Weight (Kg)	
Connector	8*7/16DIN-Female
Mounting Pole Diameter (mm)	50-114
Radome Material	ASA+ABS/PVC
Rated Wind Velocity (m/s)	55
Operating Temperature (°C)	-40~+70
Operating Humidity	30%~90%
Lighting Protection	DC Ground



Schematic diagram of antenna