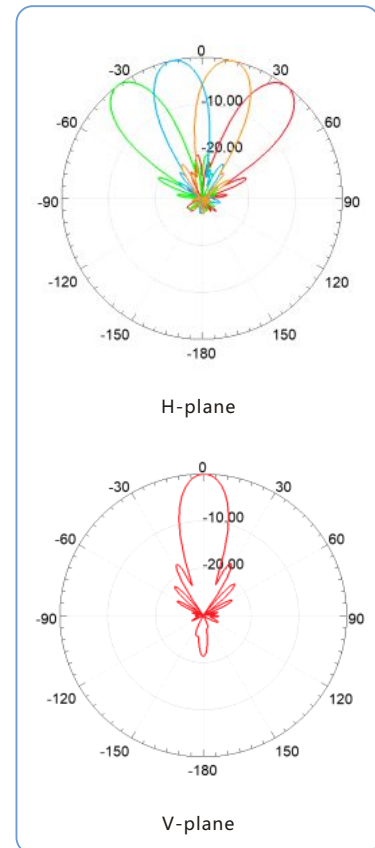


Electrical Properties	
Frequency Range (MHz)	1710-2690
Polarization	±45
Gain(dBi)	20±1
Sidelobe Suppression	≥15
Horizontal Plane 3dB Beamwidth (°)	15±4
Horizontal Plane 10dB Beamwidth (°)	28±3
Vertical Plane 3dB Beamwidth (°)	15±4
Vertical Plane 10dB Beamwidth (°)	28±3
Horizontal beam centers (°)	- 43, - 14, + 14,+ 43
Beam Quantity	4
VSWR	≤1.5
Isolation Between Polarization (dB)	≥25
Isolation Between Beam Port (dB)	≥23
Front to Back Ratio (dB)	≥25
Intermodulation IM3 dBc (2×43dBm)	≤-150
Power Rating (W)	8 x 80W
Input Impedance (Ω)	50
Lighting Protection	DC Ground

Mechanical Properties	
Mechanical Down-Tilt (°)	0-20
Antenna Dimension (mm)	690×645×645
Packaging Dimension (mm)	825×730×860
Net Weight (Kg)	15.2
Gross Weight (Kg)	28.8
Clip Weight (Kg)	5.8
Connector	8*7/16DIN-Female
Mounting Diameter (mm)	∅ 40-114
Radome Material	ASA
Rated Wind Velocity (m/s)	55
Operating Temperature (°C)	-40~+70
Operating Humidity	5%~95%



Antenna Diagram



Antenna Pattern