

**XXX Pol Panel Stadium Antenna 790-960/1710-2170/2300-2690MHz 50°/50°/50° 10.5/9.5/9.0dBi 0° FET****Electrical Specifications**

Frequency Range (MHz):	790-960	1710-2170	2300-2690
Gain (dBi):	10.5±0.5	9.5±0.5	9.0±0.5
Return Loss (dB):	>14 (VSWR<1.5)		
Polarization:	±45°		
3dB( $\varphi=0^\circ$ )Horizontal Beamwidth (°):	50.0	48.0	48.0
20dB( $\varphi=0^\circ$ )Horizontal Beamwidth (°):	82.0	82.0	82.0
3dB( $\varphi=90^\circ$ )Vertical Beamwidth (°):	50.0	48.0	48.0
20dB( $\varphi=90^\circ$ )Vertical Beamwidth (°):	82.0	82.0	82.0
( $\varphi=0^\circ$ )Horizontal Sidelobe Suppression (dB):	20	20	20
( $\varphi=90^\circ$ )Vertical Sidelobe Suppression (dB):	20	20	18
Electrical Downtilt (°):	0 Fixed		
Front to Back Ratio at 180±30° (dB):	27	30	30
CPR at Boresight(dB):	20	20	20
Isolation Port to Port (dB):	28	28	28
Intermodulation IM3 (dBC):	<-150 (2×43 dBm)		
Impedance (ohm):	50		
Max. Power Per Port (W):	100		
Lightning Protection:	DC Grounded		
Connector Type:	2×7/16 DIN Female		

**BASTA Electrical Specifications**

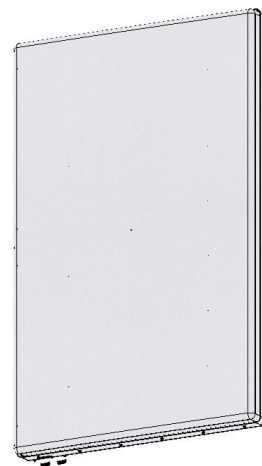
Frequency Range(MHz):	790-960	1710-2170	2300-2690
Average Gain by all Beam Tilts(dBi): (dBi):	10.5	9.5	9.0
Gain by all Beam Tilts Tolerance(dB):	±0.7	±0.8	±0.7
Horizontal Beamwidth Tolerance(°):	±5.0	±5.6	±4.0
Vertical Beamwidth Tolerance(°):	±5.0	±5.6	±4.5
USLS beampeak to 20° above beampeak(dB):	23	22	21
Front to back Total Power at 180° ± 30° (dB)	27	30	30
CPR at Boresight(dB):	19	20	22

**Mechanical Data**

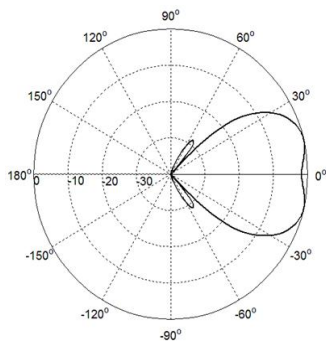
Antenna Dimensions (mm):	1354×888×110
Packing Dimensions (mm):	1512×1041×234
Antenna Net Weight (kg):	28.5/5
Antenna Gross Weight (kg):	43.5
Radome Material:	ASA, UV Resistant
Pipe OD (mm):	70-114
Mounting Kits (Included):	BA.K.04.00003, Fixed Tilt Clamps

**Environmental Ratings**

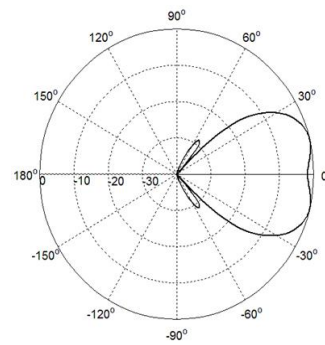
Humidity:	95%RH@+30°C
Temperature (°C):	-40~+70
Wind Load @150 km/h (N):	Frontal/Lateral/Rearside:1176/182/1470
Max. Wind velocity(km/h):	150



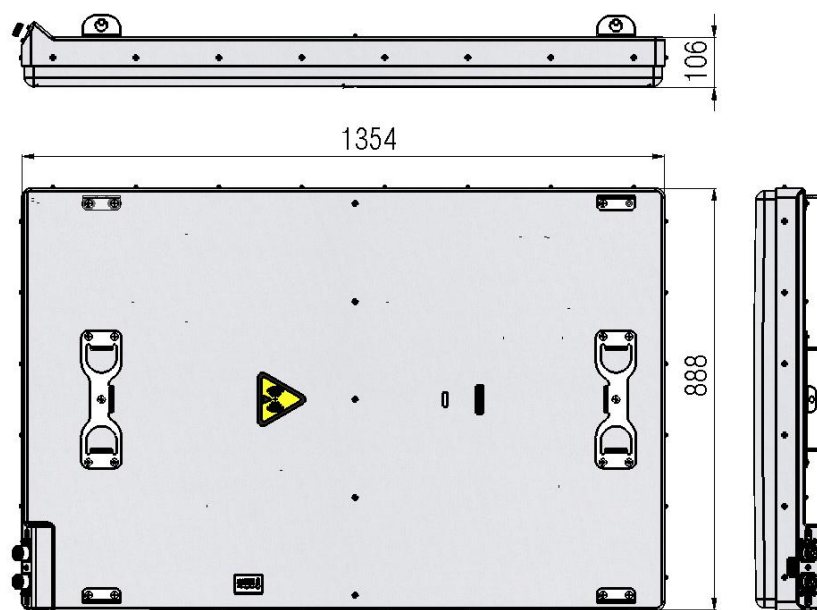
## Typical Patterns



Azimuth



Elevation



Product Size Detail