

2Y45B-61

4 Port Antenna / 4.5G / 0.7m

PROSE

- 4 x (4400-5000) MHz
- Fixed Electrical Tilt
- 4.3-10 Connectors

Electrical Data (BASTA 11.1)

4 x (4400-5000) MHz

Frequency(MHz)

4400-4700

4700-5000

Gain	P1/P2	dB	18.2±0.5	18.4±0.5
Polarization		°	±45°	

Horizontal Pattern

3dB Azimuth Beamwidth	°	47±5	46±5
Cross-Polar Discrimination	dB	> 15	> 14
At Mechanical Boresight 0°			
Over 10dB			
		> 7	> 6

Vertical Pattern

3dB Elevation Beamwidth	°	5.8±0.9	5.5±0.8
Electrical Downtilt		2	
1st Upper Sidelobe Suppression	dB	> 16	

RF Parameters

VSWR		< 1.5	
Intra - Cluster Isolation	dB	> 25	
Inter - Cluster Isolation		> 25	
Impedance	Ω	50	
Maximum Effective Power	W	100	
Per Port			

— Maximum Effective Power Whole Antenna: 400 W.

Mechanical Data

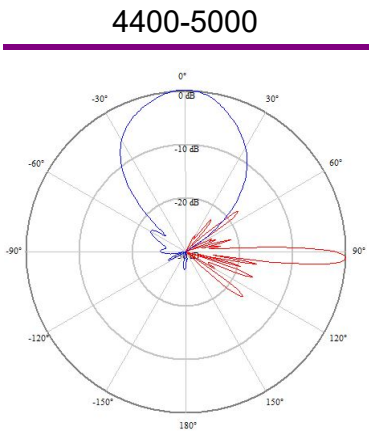
(BASTA 11.1)

Connector Type	4 x 4.3-10 Female	
Connector Position	Bottom	
Lightning Protection	DC Ground	
Radome Material	ASA	
Radome Color	Light Grey	
Antenna Net Weight	3.4 kg	7.5 lb
Shipping Weight	7.4 kg	16.3 lb
Antenna Dimensions (H x W x D)	760 x 180 x 115 mm	29.9 x 7.1 x 4.5 in
Packing Size (H x W x D)	975 x 308 x 218 mm	38.4 x 12.1 x 8.6 in
Survival Wind Speed	241 km/h	150 mph
Wind Load @150 km/h (Frontal / Lateral / Max)	101 / 41 / 122 N	23 / 9 / 27 lbf
Mast Diameter Supported	50 - 110 mm	2.0 - 4.3 in
Relative Humidity	5% - 95%	
Operating Temperature Range	-40 ~ +70 °C	-40 ~ +158 °F

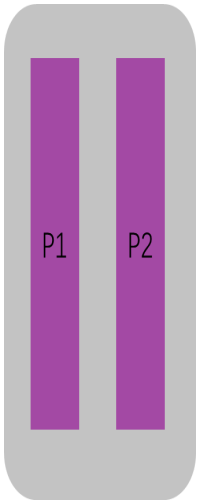
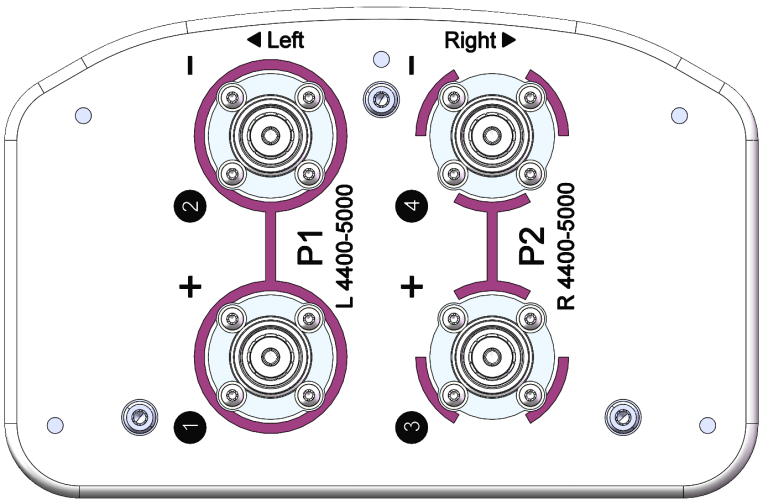


Pattern

(Sample for reference)



Layout



Array	Connector	Frequency (MHz)
●P1	1 - 2	4400-5000
●P2	3 - 4	4400-5000

*Remark: X – Year, YY – Week , xxxxx – Serial Number

Accessories

Item	Model	Weight	Mechanical Tilt Range (°)
Mounting Kit	70-1	2.5 kg / 5.5 lb	0-12

Compliance

- Our quality assurance system and our environmental management system apply to the entire company and are certified according to EN ISO 9001, EN ISO 14001 and ISO45001
- Our products are compliant to the EU Directive RoHS as well as to other environmentally relevant regulations (e.g. REACH)



While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.