

4-Port Antenna

BA-2W3X65DT-01

2H / 0.33m

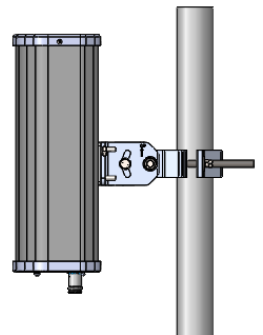
- 2 x (1710-2690) MHz
- Fixed Electrical Tilt
- 4.3-10 Connectors

Electrical Data (BASTA)

Frequency(MHz)		2 x (1710-2690)				
Gain	Y1/Y2	dBi	1710-1990	1920-2200	2200-2490	2490-2690
			12.0±0.5	12.5±0.5	13.0±0.5	13.5±0.5
Polarization		°	±45			
Horizontal Pattern						
3dB Beamwidth		°	65±5	65±5	65±5	63±5
F/B Ratio		dB	25			
Co-polar(180°±30°)						
Cross-Polar	Boresight 0°		18	18	18	18
Ratio	Sector ±60°		10	10	8	8
Vertical Pattern						
3dB Beamwidth		°	28.0±2.0	25.0±2.0	22.0±1.8	20.0±1.5
Electrical Downtilt			3			
1 st Upper sidelobe		dB	18			
Suppression						
RF Parameters						
VSWR			1.5:1			
Port Isolation		dB	28			
3 rd Order PIM		dBc	-150 @ 2 x 43 dBm			
Impedance		Ω	50			
Power Handling		W	300			

Mechanical Data (BASTA)

Input Connectors	4 x 4.3-10 Female	
Connector Position	Bottom	
Lightning Protection	DC Ground	
Radome Material	Fiberglass	
Antenna Weight	3.0 kg	6.6 lb
Antenna Dimensions (H x W x D)	330 x 295 x 115 mm	13.0 x 11.6 x 4.5 in
Maximum Wind Velocity	241 km/h	150 mph
Max. Wind Load @150 km/h (Front/Rear/Side)	92 / 111 / 19 N	21 / 25 / 4 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



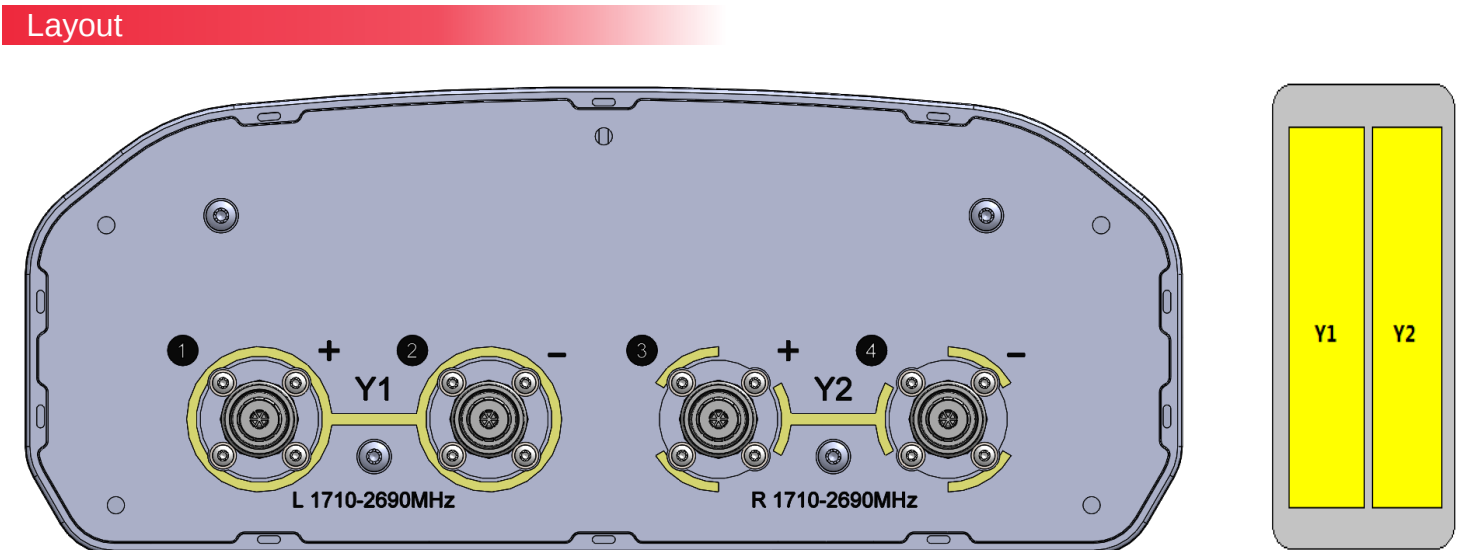
BA-2W3X65DT-01

2H / 0.33 m

• 2 x (1710-2690) MHz

• Fixed Electrical Tilt

• 4.3-10 Connectors



Accessories

Item	Model	Weight (kg)	Mechanical Tilt Range (°)
Mounting Kit	85-5	1.3	0-20

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 OHSAS 18001

— 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. For environmental information, please refer to www.rosenbergerap.com/content/Environment.aspx