

## X Pol Tube Antenna 1710-2690MHz 360° 9dBi 0° FET

## Electrical Specifications

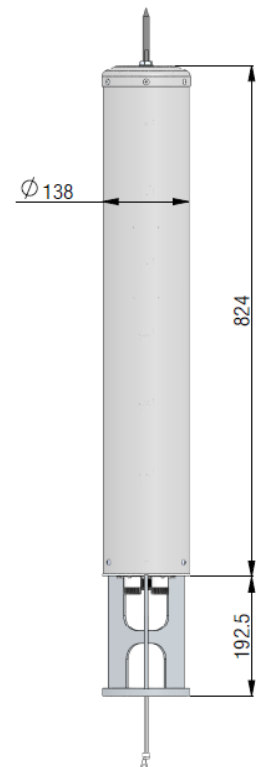
Frequency Range (MHz):	1710-2170			2300-2690		
	1710-1880	1880-2025	2025-2170	2300-2450	2450-2550	2550-2690
Gain (dBi):	7.8±0.5	8±0.5	8.3±0.5	8.6±0.5	9±0.5	9.3±0.5
Return Loss (dB):	>14 (VSWR<1.43)					
Polarization (°):	±45					
Horizontal 3dB beamwidth (°):	360					
Azimuth Roundness (dB):	2					
Vertical 3dB beamwidth (°):	14.5	14	13.5	13	12	11.5
Electrical Downtilt (°):	0 Fixed					
Upper Sidelobe Suppression (dB):	18	18	18	17	17	16
Cross Polar Ratio (0-360°) (dB):	10					
Isolation Between Polarizations (dB):	>28					
Power Rating (W):	300					
Intermodulation IM3 (dBc):	<-150 (2×43 dBm)					
Impedance (ohm):	50					
Lightning Protection:	DC Grounded					
Connector Type:	2×7/16 DIN Female					

## Mechanical Data

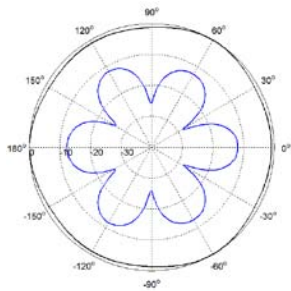
Antenna Dimensions (mm):	Φ138(Diameter)×824(Length)
Packing Dimensions (mm):	1161(Length)×278(Wide)×232(High)
Antenna Net Weight (kg):	6
Antenna Gross Weight (kg):	8.5
Radome Material:	Fiberglass
Pipe OD (mm):	70-114
Mounting Kits (Included):	Flange Mounted

## Environmental Ratings

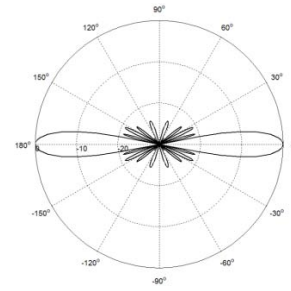
Humidity:	95%RH@+30°C
Temperature (°C):	-40~+70
Wind Load @150 km/h (N):	96
Max. Wind velocity(km/h):	200



Typical Patterns



Azimuth



Elevation

Bottom View

