

P6177103

Twin Band | Trisector Antenna | 2x X-Pol | 65° | 17.0 dBi | Variable Tilt

- Twin band, 2x X-Pol, variable tilt, trisector antenna
- Continuously adjustable downtilt 2°-12°
- Manual (MET) or Remote (RET) electrical tilt options



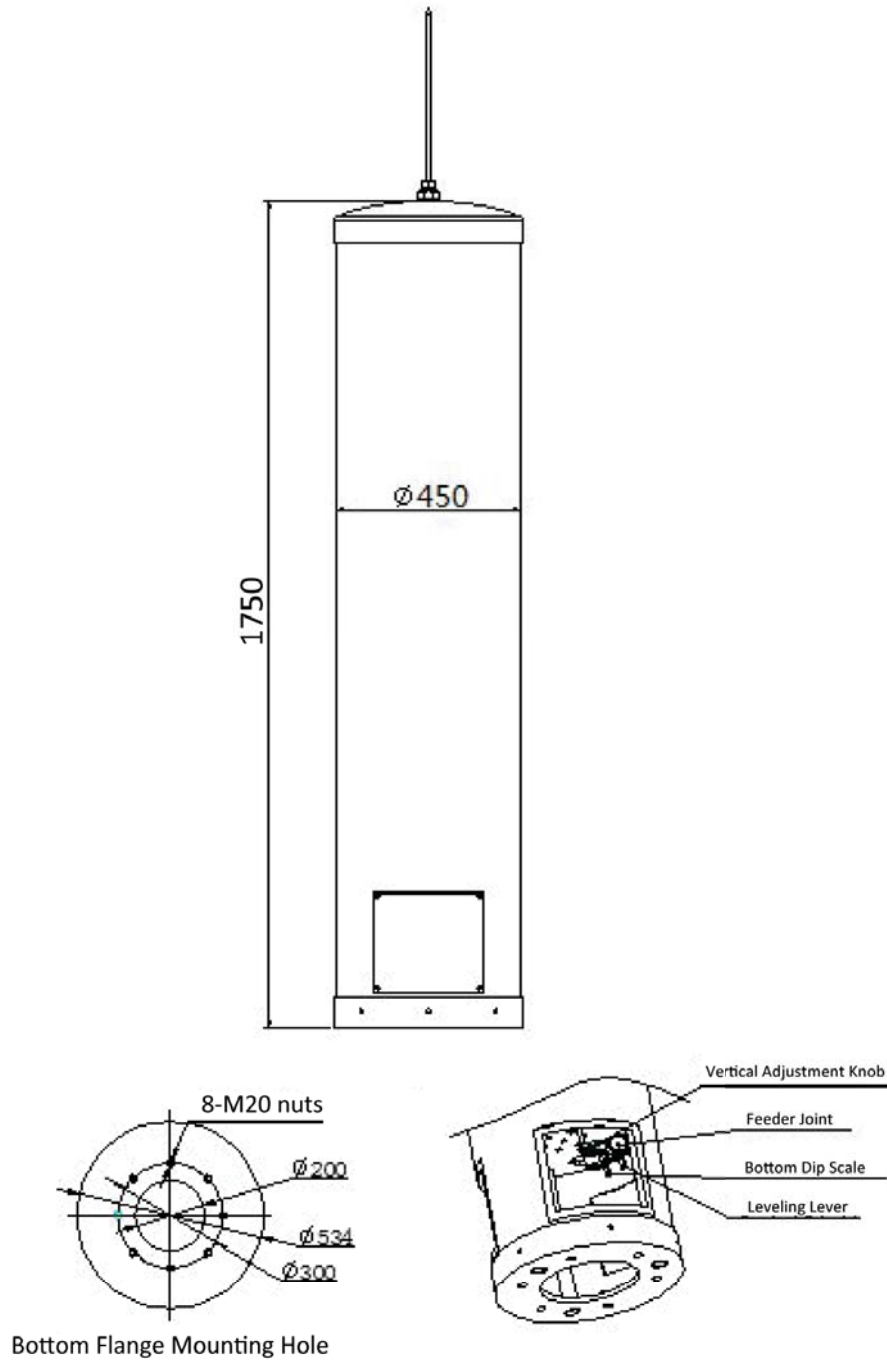
Ordering Options		
Manual Electrical Tilt	P6177103	
Remote Electrical Tilt	P6177103G	
Electrical Characteristics		
(2x) 1710-2170 MHz		
Frequency Bands	1710-2700 MHz	
Polarization	(2x) ±45°	
Horizontal Beamwidth	66° ± 6°	
Vertical Beamwidth (±1°)	7.0°	
Gain (± 0.5 dBi)	17.0 dBi	
Electrical Downtilt	2-12°	
Impedance	50Ω	
VSWR	≤ 1.5	
Upper Sidelobe Suppression	≥ 15 dB	
Front-to-Back Ratio	≥ 25 dB	
Isolation	≥ 28 dB	
Cross Polar Ratio	Main Direction	≥ 15 dB
	Sector Edges (±60°)	≥ 8 dB
IM3 (2x43 dBm carrier)	≤ -107 dBm	
Input Power (50° C ambient temperature)	200 W	
Operating Temperature	-40° to +60° C (-40° to +140° F)	
Lightning Protection	DC Ground	
Connector(s)	12 Connectors (4 per sector) / 7/16-DIN Female / Bottom	
Mechanical Characteristics		
Radome Material	FRP	
Dimensions (Height x Diameter)	1750 x Ø450 mm	68.9 x Ø17.7 in
Weight	64 kg	141.1 lbs
Packing Dimensions (H x W x D)	580 x 590 x 1850 mm	22.8 x 23.2 x 72.8 in
Packing Weight	74 kg	163.1 lbs
Wind Load Area	0.79 m ²	8.5 ft ²
Mounting Options		
Mounting Hardware	Pedestal Mounted	
Joint Spacing	≥ 50 mm (2.0 in)	

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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Dimensions



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