

P6878200

Tri Band | VET Panel | XXX-Pol | 65° / 64° / 64° | 14.8 / 17.9 / 17.9 dBi | Variable Tilt

- Tri Band Antenna, dual polarization, 6 connectors
- Independent tilt on each band, 0°-14° / 0°-8° / 0-8°
- MET and RET versions
- Mounting and downtilt brackets included

Ordering Options		Model Number				
Manual Electrical Tilt		P6876200				
Remote Electrical Tilt		P6876200G				
Electrical Characteristics		790-960 MHz			(2x) 1710-2170 MHz	
Frequency Bands (MHz)		790-866	824-896	880-960	1710-1880	1850-1990 / 1920-2170
Polarization		±45°			(2x) ±45°	
Horizontal Beamwidth (±6°)		66°	65°	63°	66°	63° / 60°
Vertical Beamwidth		10°	9.5°	9°	6.5°	6° / 5.5
Gain (±1 dB)		16 dBi	16.5 dBi	17 dBi	17 dBi	17.5 dBi / 18 dBi
Electrical Downtilt		0-10°			0-10°	
Impedance		50Ω				
VSWR		≤ 1.5				
Upper Sidelobe Suppression		0°...5°...10° 15...16...15			0°...5°...10° 16...16...15	
Front-to-Back Ratio (dB)		≥ 25 dB			≥ 25 dB	
Isolation		≥ 28 dB			≥ 28 dB	
Isolation between bands		≥ 40 dB				
IM3 (2x43 dBm carrier)		≤ -150 dBc				
Maximum Input Power		500 W			(2x) 250 W	
Connectors Per Band	790-960 MHz	2 ports / 7/16 - DIN Female / Bottom				
	1710-2170 MHz	2 ports / 7/16 - DIN Female / Bottom				
	1710-2170 MHz	2 ports / 7/16 - DIN Female / Bottom				
Operating Temperature Range		-40° to +65° C (-40° to 149° F)				
Lightning Protection		DC Ground				
Mechanical Characteristics						
Radome Material		Fiberglass				
Dimensions (Height x Width x Diameter)		2011 x 330 x 135 mm			79.2 x 13.0 x 5.3 in	
Weight without Mounting Brackets		25 kg			55.1 lbs	
Packing Dimensions (HxWxD)		2289 x 424 x 241 mm			90.1 x 16.7 x 9.5 in	
Packing Weight		33 kg			72.8 lbs	
Mounting Options		Attach to Pole Diameter				
Mouting and Downtilt Brackets (included)		Ø50-Ø115 mm			Ø2.0-Ø4.5 in	



Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal 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 product may be made without notice.