

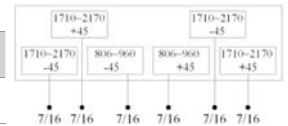
## P6876200

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



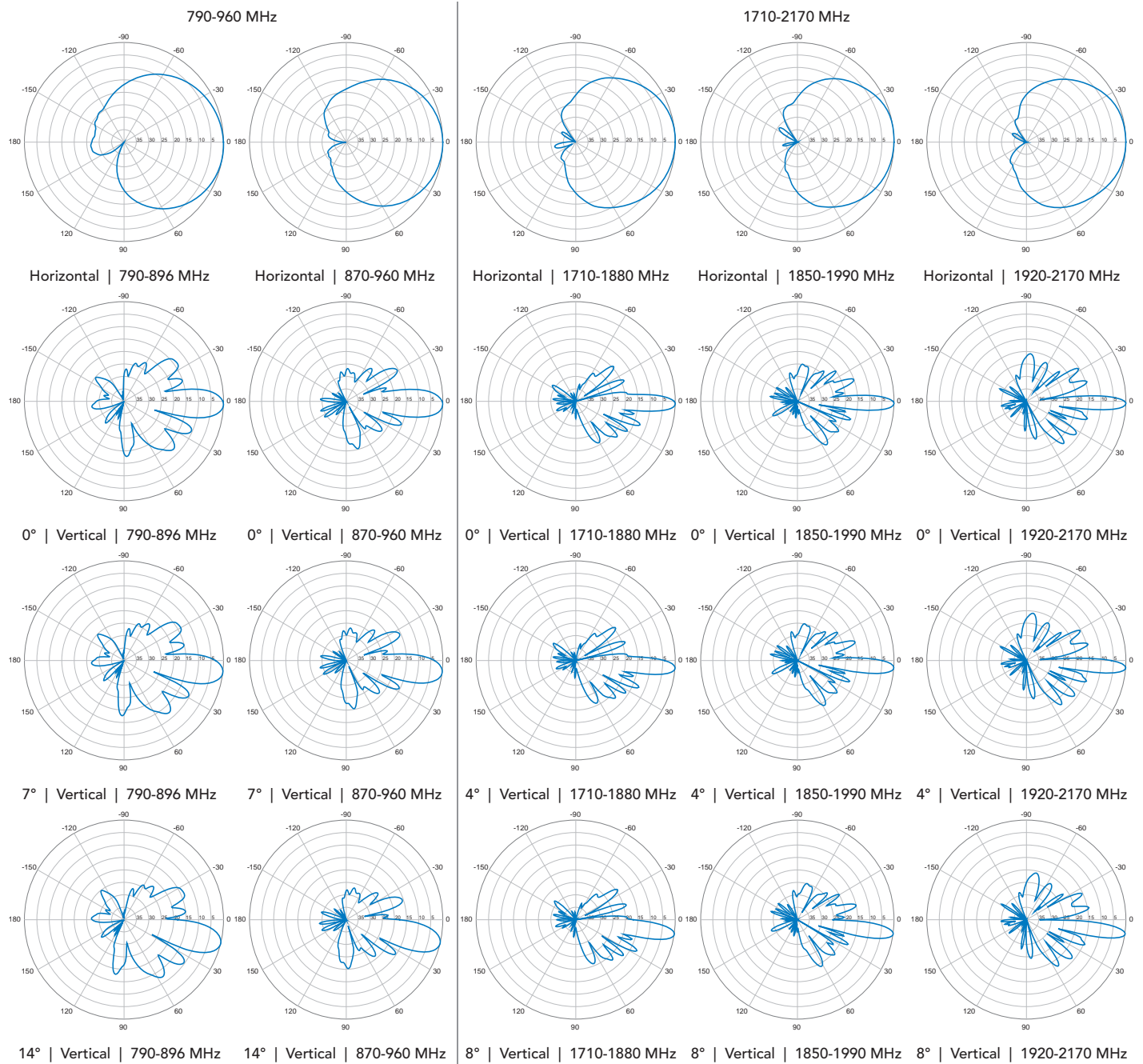
Ordering Options		Model Number							
Manual Electrical Tilt		P6876200							
Remote Electrical Tilt		P6876200G							
Electrical Characteristics		790-960 MHz			1710-2170 MHz			1710-2170 MHz	
Frequency Bands (MHz)		790-896	870-960	1710-1880	1850-1990	1920-2170	1710-1880	1850-1990	1920-2170
Polarization		±45°			±45°			±45°	
Horizontal Beamwidth		67°	63°	64°	62°	60°	64°	62°	60°
Vertical Beamwidth		13°	12°	7.5°	7°	6.5°	7.5°	7°	6.5°
Gain		14.4 dBi	14.8 dBi	17.3 dBi	17.6 dBi	17.9 dBi	17.3 dBi	17.6 dBi	17.9 dBi
Electrical Downtilt		0-14°			0-8°			0-8°	
Impedance		50Ω			50Ω			50Ω	
VSWR		≤ 1.5			≤ 1.5			≤ 1.5	
Upper Sidelobe Suppression		0°...5°...10°...14° 15...16...16...15			0°...4°...8° 15...16...15			0°...4°...8° 15...16...15	
Front-to-Back Ratio (dB)		≥ 25 dB			≥ 25 dB			≥ 25 dB	
Isolation		≥ 28 dB			≥ 28 dB			≥ 28 dB	
IM3 (2x43 dBm carrier)		≤ -150 dBc			≤ -150 dBc			≤ -150 dBc	
Maximum Input Power		300 W			300 W			300 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							
Lightning Protection		DC Ground							
Mechanical Characteristics									
Radome Material / Color		UPVC / Grey							
Dimensions (Height x Width x Diameter)		1450 x 385 x 138 mm			57.1 x 15.2 x 5.4 in				
Weight without Mounting Brackets		19.5 kg			43.0 lbs				
Packing Dimensions (HxWxD)		1750 x 490 x 350 mm			68.9 x 19.3 x 13.8 in				
Survival Wind Speed		216 km/hr			134 mph				
Environmental Characteristics									
Operating Temperature Range		-40° to +60° C			-40° to +140° F				
Mounting Options		Attach to Pole Diameter							
Mounting and Downtilt Brackets (included)		Ø50-Ø110 mm			Ø2.0-Ø4.3 in				
Mechanical Tilt		0-15°							



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.

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