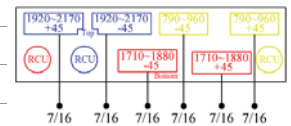


P5880201

Tri Band | VET Panel | XXX-Pol | 63° / 65° / 62° | 17.0 / 16.8 / 17.5 dBi | Variable Tilt

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

Ordering Options		Model Number			
Manual Electrical Tilt		P5880201			
Remote Electrical Tilt		P5880201G			
Electrical Characteristics		790-960 MHz		1710-1880 MHz	1920-2170 MHz
Frequency Bands (MHz)		790-896	870-960	1710-1880	1920-2170
Polarization		±45°		±45°	±45°
Horizontal Beamwidth		67°	63°	65°	62°
Vertical Beamwidth		8°	7°	7.0°	6.5°
Gain		16.8 dBi	17.0 dBi	16.8 dBi	17.5 dBi
Electrical Downtilt		0-8°		0-8°	0-8°
Impedance		50Ω		50Ω	50Ω
VSWR		≤ 1.5		≤ 1.5	≤ 1.5
Upper Sidelobe Suppression (dB)		18 dB	18 dB	16 dB	15 dB
Front-to-Back Ratio		≥ 25 dB		> 25 dB	> 25 dB
Intersystem Isolation		> 30 dB	> 30 dB	> 28 dB	> 28 dB
IM3 (2x43 dBm carrier)		≤ -150 dBc		≤ -150 dBc	≤ -150 dBc
Cross Polar Ratio	Main Direction	25 dB	25 dB	20 dB	25 dB
	Sector Edges	8 dB	8 dB	10 dB	8 dB
Squint		0-3	0-3	0-3	0-3
Input Power		300 W		300 W	300 W
Lightning Protection		Direct Ground			
Connector(s)		2 ports / 7/16 - DIN Female / Bottom		2 ports / 7/16 -DIN / Female / Bottom	2 ports / 7/16 -DIN / Female / Bottom
Mechanical Characteristics					
Radome Material / Color		UPVC / Grey			
Dipole / Reflector Material		Aluminum Alloy			
Dimensions (Height x Width x Diameter)		2750 x 270 x 137 mm		108.3 x 10.6 x 5.4 in	
Weight without Mounting Brackets		23 kg		50.7 lbs	
Packing Dimensions (HxWxD)		2980 x 390 x 350 mm		117.3 x 15.4 x 13.8 in	
Survival Wind Speed		216 km/hr		134 mph	
Wind Loads (150 km/hr or 93 mph)	Front	1420 N		319.2 lbf	
	Side	700 N		157.4 lbf	
	Rear	1420 N		319.2 lbf	
Environmental Characteristics					
Operating Temperature Range		-55° to +65° C		-67° to +149° F	
Mounting Options					
Mounting and Downtilt Brackets (included)		Ø50-Ø110 mm		Ø2.0-Ø4.3 in	
Mechanical Tilt		0-15°			

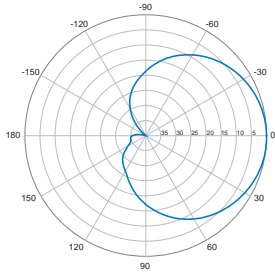


Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product.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

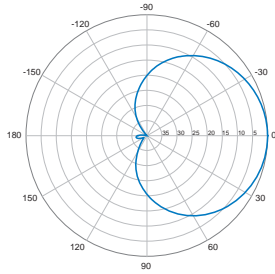
P5880201

Tri Band | VET Panel | XXX-Pol | 63° / 65° / 62° | 17.0 / 16.8 / 17.5 dBi | Variable Tilt

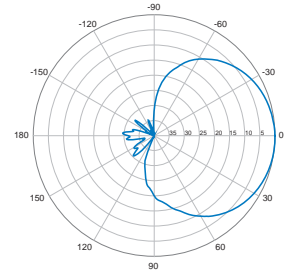
790-960 MHz



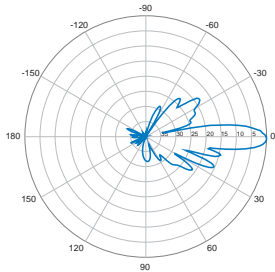
1710-1880 MHz



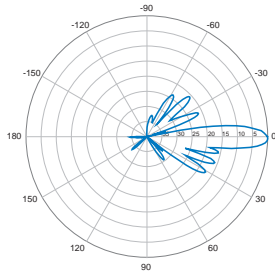
1920-2170 MHz



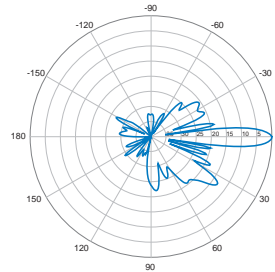
Horizontal | 790-896 MHz



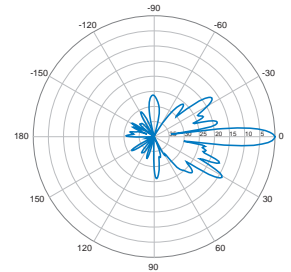
Horizontal | 870-960 MHz



Horizontal | 1710-1880 MHz



Horizontal | 1920-2170 MHz



0° | Vertical | 790-896 MHz

0° | Vertical | 870-960 MHz

0° | Vertical | 1710-1880 MHz

0° | Vertical | 1920-2170 MHz

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