

5829208

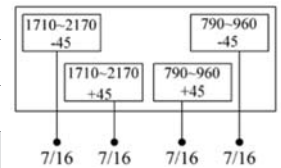
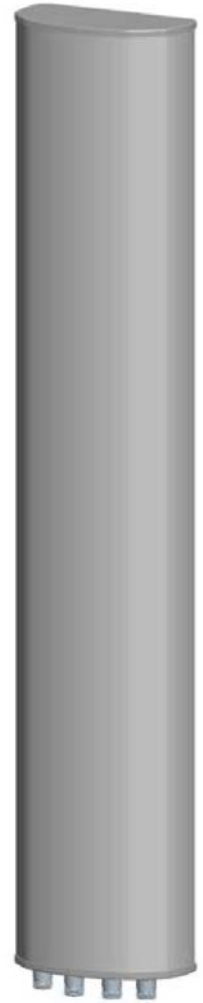
Dual Band | Panel Antenna | XX-Pol | 65° / 62° | 14.5 / 14.5 dBi | Variable Tilt

- Dual band, XX-Pol, variable tilt, panel antenna
- Independent tilt on each band, 0-14° / 0-14°
- Manual (MET) or Remote (RET) electrical tilt options
- Mounting and downtilt brackets included

Ordering Options	Model Number
Manual Electrical Tilt	5829208
Remote Electrical Tilt	5829208G

Other accessories are ordered separately.

Electrical Characteristics	790-960 MHz		1710-2170 MHz		
	790-896 MHz	870-960 MHz	1710-1880 MHz	1850-1990 MHz	1920-2170 MHz
Frequency Bands	790-896 MHz	870-960 MHz	1710-1880 MHz	1850-1990 MHz	1920-2170 MHz
Polarization	±45°		±45°		
Horizontal Beamwidth	67°	65°	62°	60°	60°
Vertical Beamwidth	13°	12°	13.5°	13°	12°
Gain	14.3 dBi	14.5 dBi	14.2 dBi	14.3 dBi	14.5 dBi
Electrical Downtilt	0-14°		0-14°		
Impedance	50Ω		50Ω		
VSWR	≤ 1.5		≤ 1.5		
Upper Sidelobe Suppression	15 dB		15 dB		
Front-to-Back Ratio	≥ 25 dB		≥ 25 dB		
Isolation	≥ 30 dB		≥ 30 dB		
IM3 (2x43 dBm carrier)	≤ -150 dBc		≤ -150 dBc		
Input Power	400 W		200 W		
Total Number of Connectors	Antenna has 4 connectors located at the bottom				
Connectors Per Band, Type, Location	790-960 MHz	2 Connectors / 7/16-DIN Female / Bottom			
	1710-2170 MHz	2 Connectors / 7/16-DIN Female / Bottom			
Lightning Protection	Direct Ground				
Operating Temperature	-40° to +60° C (-40° to +140° F)				



Mechanical Characteristics	
Radome Material / Color	UPVC / Grey
Dimensions (Height x Width x Diameter)	1600 x 270 x 137 mm / 63.0 x 10.6 x 5.4 in
Weight without Mounting Brackets	15 kg / 33.1 lbs
Packing Dimensions (HxWxD)	1870 x 330 x 220 mm / 73.6 x 13.0 x 8.7 in
Survival Wind Speed	216 km/hr / 134 mph
Mounting Options	
Mounting & Downtilt Bracket Kit (included)	Attach to Pipe Diameter Ø50-Ø115 mm / Ø2.0-Ø4.5 in
Mechanical Tilt Range	0-10°

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.