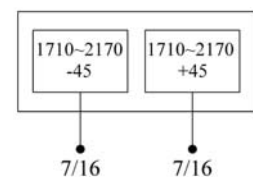


## P5196100

Single Band | Panel Antenna | X-Pol | 90° | 15.5 dBi | Variable Tilt

- Single band, X-Pol, variable tilt, panel antenna
- Continuously adjustable downtilt 0°-10°
- Manual (MET) or Remote (RET) electrical tilt options
- Mounting and downtilt brackets included

Ordering Options		Model Number	
Manual Electrical Tilt		P5196100	
Remote Electrical Tilt		P5196100G	
Other accessories are ordered separately.			
Electrical Characteristics		1710-2170 MHz	
Frequency Bands	1710-1880 MHz	1850-1990 MHz	1920-2170 MHz
Polarization	±45°		
Horizontal Beamwidth	90°	88°	85°
Vertical Beamwidth	9°	8.5°	8°
Gain	15 dBi	15.3 dBi	15.5 dBi
Electrical Downtilt	0-10°		
Impedance	50Ω		
VSWR	≤ 1.5		
Upper Sidelobe Suppression	0°...5°...10° 16...16...15 dB		
Front-to-Back Ratio	≥ 23 dB		
Isolation	≥ 30 dB		
IM3 (2x43 dBm carrier)	≤ -150 dBc		
Input Power	300 W		
Total Number of Connectors		Antennas has 2 connectors located at the bottom	
Connectors Per Band, Type, Location	1710-2170 MHz	2 Connectors / 7/16-DIN Female / Bottom	
Lightning Protection		DC Ground	
Operating Temperature		-40° to +60° C (-40° to +140° F)	
Mechanical Characteristics			
Radome Material / Color		UPVC / Grey	
Dimensions (Length x Width x Depth)		1080 x 160 x 80 mm	42.5 x 6.3 x 3.1 in
Weight without Mounting Brackets		7.7 kg	17.0 lbs
Packing Dimensions (LxWxD)		1470 x 250 x 180 mm	57.9 x 9.8 x 7.1 in
Survival Wind Speed		216 km/hr	134 mph
Mounting Characteristics		Attach to Pipe Diameter	
Mounting & Downtilt Brackets (included)		Ø50-Ø80 mm	Ø2.0-Ø3.1 in
Mechanical Tilt Range		0°-15°	



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.