

# 5036000

Single Band | Planar | Vertical Linear Pol | 30° | 14.5 dBi | Fixed Tilt

- Single band, planar antenna with fixed electrical downtilt
- Includes a rotating bracket for wall installation

Electrical Characteristics		
Frequency Bands	1900-2170 MHz	
Polarization	Vertical Linear	
Horizontal Beamwidth (3 dB)	30°	
Vertical Beamwidth (3 dB)	30°	
Gain	14.5 dBi	
VSWR	1900-1920 MHz	< 1.5
	1920-2170 MHz	< 1.3
Front-to-Back Ratio	> 20 dB	
Maximum Power	120 W	
Operating Temperature	-30° C to 55° C (-22° to 131° F)	
Connector(s)	N-Female connector at the end of a 0.5 m RG303 coaxial cable white jacket	



Mechanical Characteristics		
Materials	Shroud: UV-Resistant plastic, grey RAL 7035	
Dimensions Length x Width x Depth	260 x 260 x 35 mm	10.2 x 10.2 x 1.4 in
Weight without Mounting Bracket	1.3 kg	2.9 lbs
Wind Loads (160 km/hr or 100 mph)	80 N	18.0 lbf
Wind Area	0.7 m <sup>2</sup>	0.73 ft <sup>2</sup>

Mounting Options		
Mounting Stand-Off	135 mm	5.3 in
Orientation Capability	±40° in azimuth (horizontal plane)	±40° in elevation (vertical plane)
Mounting Bracket	Wall installation	
Mounting Option	On a vertical pole with diameter between 30 and 60 mm, by means of the metallic accessory MA621AZ08.	

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.