

WIRELESS ANTENNA BOOSTER



GOLDEN STATE INSTRUMENT CO.



GS-WANT5800

Pole Mount

5.8 GHz Antenna Booster

The GS-WANT5800 directional antenna offers high gain in a low profile package. They offer superb performance over a large operating frequency range. The antennas are constructed of a gray color UV resistant ABS plastic with an aluminum back plate. The antenna can be used in horizontal or vertical polarization. The galvanized bracket enables +/- 45 degree up or down tilt adjustment and the stainless steel hardware insures a long service life. The compact low visual impact attractive styling blends well in almost any application. The antenna comes with an integral N female connector standard.



Features and Benefits:

- Compatible with all GSI Wireless Products
- High gain / low profile
- 17 dBi Gain
- Easy to install Pole mount design
- Wide band operation – 5.4 to 5.8 GHz
- Rugged and weatherproof
- Light Weight
- Aesthetically Pleasing Design
- Vertical or horizontal polarization
- “N” Type female connector Applications
- 5GHz wireless LAN applications
- Client antennas
- Point to point links
- Point to multipoint systems

Specifications:

Parameter	Min	Type	Max	Units
Frequency Range	5.47	GHz	~ 5.85	GHz
Gain	17	dBi		
Horizontal Beam width	25	Degrees		
Vertical Beam width	25	Degrees		
Front to Back	30	dB		
Input Return Loss (S11)	-14	dB		
VSWR	1.5:1			
Impedance	50	OHM		
Input Power	50	W		
Operating Temperature	-40	+	+70	Degrees C
Pole Size	1” – 2”	Diameter		
Weight	20	oz.		
Dimension (Diameter x Depth)	10” x 2.5”			
Bracket Tilt	45	Degrees		

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