

The Sector

High Gain Panel Antenna

BOLTON | 
TECHNICAL

BT684250

The Sector High-Gain Panel Antenna supercharges any business when paired with any 50 Ohm commercial cellular booster.

- 50 Ohm Directional Cellular Antenna
- For Indoor Use
- High Gain, Up to 14.5 dBi
- Covers 698-2700 Frequencies
- N-Female Termination



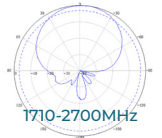
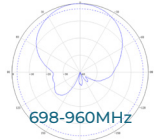
ELECTRICAL STUFF

Product Specifications may change without prior notice.

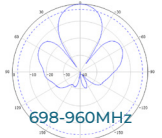
RADIATION PATTERNS

Item No.	BT684250					
Frequency Range	MHz	698-824	824-960	1710-2170	2170-2700	
Gain	dBi	10.5+1	11.0+1	14.0+1	14.5+1	
Beam Width	Horizontal	deg	68±8	65±8	65±8	62±8
	Vertical		38±8	35±8	15±5	13±5
Polarization	Vertical					
Front-To-Back Ratio	dB	> 22	> 22			
VSWR		≤1.7:1	≤1.7:1			
PIM, 3rd Order, 2 x 2 W,	dBc	≤-140	≤-150			
Maximum Power	W	200				
Impedance	Ω	50				
Lightning Protection	Direct Ground					

HORIZONTAL



VERTICAL



MECHANICAL STUFF

Dimensions, HxWxD	mm	660x287x132
Weight, without Mounting Kit	kg	5.5
Radome Material and Color		UPVC, RAL7035
Connector Type and Location		1 x N-Female, Bottom
Mounting hardware	mm	50 X 90
Operational Wind Speed	oC	200
Operational Temperature	%	-40 to +60
Operational Humidity	%	< 95



QUESTIONS? CALL US TODAY
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