



# The Sector - High Gain Outdoor Panel Antenna

**BOLTON** | TECHNICAL 

**BT684250**

## Empower Your Reach: Unlock Unmatched Signal Strength and Extended Distances with Our High-Gain Outdoor Panel Antenna

- Spans 698MHz to 2170MHz for broad connectivity.
- High Gain: Ranges from 11dBi to 14dBi, ensuring robust signal strength.
- Vertical Polarisation, 65 degree beamwidth
- Extended Outdoor Reach: Provides large distance coverage for outdoor applications.



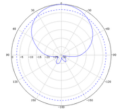
### ELECTRICAL STUFF

Product Specifications may change without prior notice.

Item No.	BT684250				
Frequency Range	MHz	698-824	825-960	1710-2170	
Max Gain	dBi	11	11	14	
VSWR		≤1.5			
Polarization	Horizontal	65±8°			
	Vertical	15±5°			
PIM, 3rd Order, 2 x 43 dBm		≤-150			
Input Power, maximum	watt	100			
Impedance	ohm	50			

### RADIATION PATTERNS

#### HORIZONTAL



#### VERTICAL



### MECHANICAL STUFF

Connector Type		1×7/16 DIN female, located underneath
Size	mm	H 1200 mm x W 280 mm x D 125 mm
Antenna Weight	kg	6.5 without mounting kit
Operational Temperature	oC, oF	-40°C to +60°C
Radome Material and Color		UPVC, RAL7035
Operational Humidity	%	5-95%



**QUESTIONS? CALL US TODAY**  
011 749 3085



**sales@boltontech.co.za**  
**www.boltontech.co.za**



**JT Business Park, Unit 4**  
**5 Rydal Lane, Longlake, 1609**

