

# The 75 Ohm Bolton Beacon

## Window Mount Directional Cellular Antenna

**BOLTON** TECHNICAL 
**BT684229 / BT684236 / BT684243**

### The Beacon's an easy-to-mount, powerful directional antenna with up to +7.5 dBi of gain.

- Directional Suction Mount antenna
- Easy, DIY installation
- 60-80° directional beamwidth
- Covers 698-2700 MHz cellular bandwidths, all cellular carriers
- Up to +7.5 dBi of gain, F-Female connector



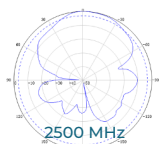
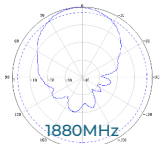
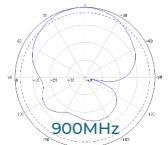
#### ELECTRICAL STUFF

Product Specifications may change without prior notice.

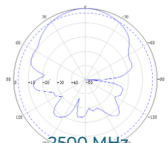
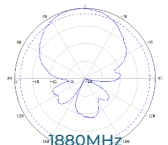
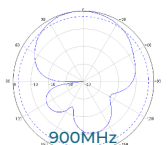
Item No.	BT684229: Pigtail   BT684236: 6-ft Cable   BT684243: 20-ft Cable			
Frequency Range	MHz	698-800	806-960	1710-2700
Gain	dBi	5.0 ±1	6 ±0.5	7.5 ±1
Polarization	Vertical			
Beam width	Horizontal	80	80	65
	Vertical	73	70	60
VSWR		≤2.5	≤2.5	≤2.5
Front-To-Back Ratio	dB	>8	>8	>12
PIM, 3rd Order, 2 x 2 W	dBc	≤-140		
Input Power, maximum	watt	50		
Impedance	ohm	75		

#### RADIATION PATTERNS

##### VERTICAL



##### HORIZONTAL



#### MECHANICAL STUFF

Connector Type		F-Female
Dimensions	mm, in	175 x 164 x 63, 6.80 X 6.45 X 2.5
Weight, without Mounting Kit	kg, lbs	0.8, 1.75
Radome Material and Color		ABS, White
Mounting Kit		4 Suction Mounts, Pole Mounting Bracket
Operational Temperature	oC, oF	-55 to +60
Ingression Protection Rating	cm, in	IP65
Cable Length		6 Inches, 6 Ft or 20Ft
Coax Type		RG58U Cables



**QUESTIONS? CALL US TODAY**  
888-987-2658

✉ [sales@boltontechnical.com](mailto:sales@boltontechnical.com)  
🌐 [www.boltontechnical.com](http://www.boltontechnical.com)

📍 5010 Wright Road, Suite 115  
Stafford, TX, 77477

