



The 50 Ohm Bolton Beacon

Window Mount Directional Cellular Antenna

BOLTON
TECHNICAL

BT684199 / BT684205 / BT684212

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

- Directional Suction Mount antenna - N-Type Connectors
- Easy, DIY installation
- 60-80° directional beamwidth
- Covers 617-4000 MHz cellular bandwidths, all cellular carriers
- Up to +7.5 dBi of gain, N-Female connector



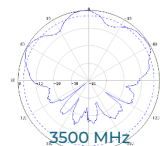
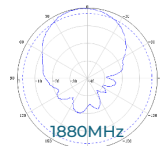
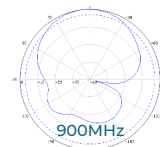
ELECTRICAL STUFF

Product Specifications may change without prior notice.

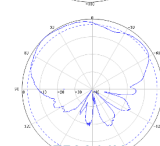
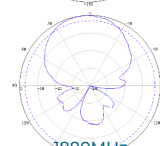
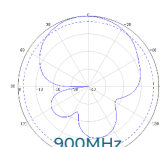
Item No.		BT684129: Pigtail BT684205: 6-ft Cable BT684212: 20-ft Cable				
Frequency Range		MHz	698-960	806-960	1710-2700	3300-4000
Gain		dBi	4.5±1	6±0.5	7.5±1	6±1
Polarization		Vertical				
Beam width	Horizontal	deg	80	80	65	40
	Vertical		73	70	60	30
VSWR			≤2.0			
Front-To-Back Ratio		dB	>5	>8	>12	>10
PIM, 3rd Order, 2 x 2 W		dBc	≤-153			
Input Power, maximum		watt	50			
Impedance		ohm	50			

PATTERNS

VERTICAL



HORIZONTAL



MECHANICAL STUFF

Connector Type	N-Female	
Dimensions, HxWxD	mm, in	165 x 155 x 50, 6.50 X 6.10 X 2.00
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	IP65	
Cable Length	cm, in	6 Inches, 6 Ft or 20Ft
Coax Type		RG174



QUESTIONS? CALL US TODAY
888-987-2658

✉ sales@boltontech.com
🌐 www.boltontech.com

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

