



The All Rounder

Outdoor Cellular Omni-Directional

BOLTON | 
TECHNICAL

BT974877

Increase call quality & data, while reducing dropped calls.

- The best wideband Omni Antenna, as only Bolton Technology can make
- Frequency range coverage from 698 MHz - 2700 MHz
- For use as an outdoor donor antenna, may be used indoors as well
- High-gain, low-loss, efficient radiation pattern
- Compact, lightweight and easy to install
- ABS antenna cover, waterproof, UV-resistant



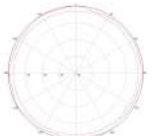
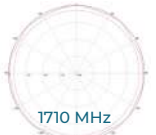
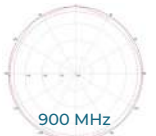
ELECTRICAL STUFF

Product Specifications may change without prior notice.

Item No.	BT974877				
Frequency Range	MHz	698-806	806-960	1710-2180	2200-2700
Gain	dBi	3.5	3	3.5	4
Polarization	Vertical				
Beam width	Horizontal	360			
	Vertical	83	65	45	45
VSWR		≤1.8:1		≤1.5:1	≤1.8:1
Pattern Circularity	dB	>2			
IM3, @ 2 X 2 w		-140			
Input Power, maximum	watt	50			
Impedance	ohm	50			

RADIATION PATTERNS

HORIZONTAL



VERTICAL



MECHANICAL STUFF

Dimensions, H x W x D	mm, in	211 x 67 x 67, 8.30 x 2.63 x 2.63
Weight, without Mounting Kit	kg, lb	0.30, 0.66
Radome Material and Color	ABS, White, RAL7035 / Pantone 421	
Mounting Kit	On-wall / Pole mounting	
Connector Type	N-Female	
Operational Temperature	oC, oF	-55 to +60, -67 to 140
Operational Humidity	%	< 95
Shipping Dimensions, H x W x D	mm, in	260 x 70 x 70, 10.20 x 2.75 x 2.75
Shipping Weight	kg, lb	0.40, 0.88
Ingression Protection Rating	IP65	
Coax Type	RG141	



QUESTIONS? CALL US TODAY
011 749 3085

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