

# The Crossbow

Cross-Polarized, High Gain, Uni-Directional  
LTE/5G MIMO Antenna

**BOLTON** |   
TECHNICAL



**BT974976**



**Meet The Crossbow from Bolton Technical.  
A 5G, MIMO, cross-polarization antenna designed  
for the modern era. High tech, high performance,  
and optimized for pretty much everything.**

- Made for the USA - band range covers 617 MHz to 3800 MHz
- High gain performance delivering up to 11dBi
- Compact design allows for pole or wall mounting
- Wideband 2x2 MIMO design
- A backwards-compatible 5G (LTE/4G/3G/2G) antenna
- Compatible with all cellular modems, routers and hotspot

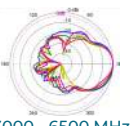
## ELECTRICAL STUFF

Product Specifications may change without prior notice.

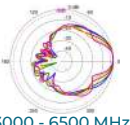
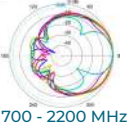
## RADIATION PATTERNS

Item No.	BT974976			
Frequency Bands	MHz	617-894	1710-2700	3400-3800
Gain (max) Port 1 & 2	dBi	9	10	11
VSWR Port 1 & 2		≤1.5:1	Over 90% of the Band	
Feed Power Handling	watt	20		
Input Impedance	ohm (nominal)	50		
Polarization		Horizontal and Vertical*		
DC Short		Path to Ground		
*Dual Dipole, Cross Polarized: +45° / -45°				

### HORIZONTAL



### VERTICAL



## MECHANICAL STUFF

Connector Type		SMA-Male		
Size	mm, in	262 x 262 x 90, 10.32 x 10.32 x 3.50		
Weight, without Mounting Kit	kg, lb	1.55, 3.40		
Radome Color		Brilliant White		
Radome Material		UV Stable ASA		
Operational Temperature	°C, °F	-40 to +80, -40 to 176		
Operational Humidity	%	< 98		
Wind Survival	km/h, mph	< 250, 155		
Weather & Waterproof		IP65		
Mounting Type		Wall or Pole Mount		
Coax Cable Length	m, ft	5, 16.40		



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

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