

# The All Rounder

## 75 Ohm Omnidirectional Antenna

**BOLTON** |   
 TECHNICAL


**BT459785**

### Increase call quality & data, while reducing dropped calls.

- 75 Ohm Outdoor Cellular Omnidirectional Antenna
- Over a mile of range, with simple installation
- Up to +dBi of gain
- 360 degree captures signal from all sides
- Covers 698-2700MHz cellular bandwidths, all cellular carriers
- F-Female connector



#### ELECTRICAL STUFF

Product Specifications may change without prior notice.

|                      |            |          |         |           |
|----------------------|------------|----------|---------|-----------|
| Item No.             | BT459785   |          |         |           |
| Frequency Range      | MHz        | 698-806  | 806-960 | 1710-2700 |
| Gain                 | dBi        | 2.5±0.5  | 3±0.5   |           |
| 3.5±0.5              |            |          |         |           |
| Polarization         | Horizontal | Vertical | 360     |           |
|                      | Vertical   |          | 83      | 65        |
| Beam width           | deg        |          |         | 45        |
| VSWR                 |            | ≤2.5     |         |           |
| Input Power, maximum | watt       | 50       |         |           |
| Impedance            | ohm        | 75       |         |           |

#### RADIATION PATTERNS

##### HORIZONTAL



##### VERTICAL



#### MECHANICAL STUFF

|                              |  |                                   |             |
|------------------------------|--|-----------------------------------|-------------|
| Dimensions, H x W x D        | mm, in                                       | 191 x 67 x 67, 8.30 x 2.63 x 2.63 |             |
| Weight, without Mounting Kit | kg, lb                                       | 0.25, 0.66                        |             |
| Radome Material and Color    | ABS, White                                   | RAL9003                           | Pantone 421 |
| Mounting Kit                 | On-wall                                      | Pole mounting                     |             |
| Connector Type               | F-Female                                     |                                   |             |
| Operational Temperature      | oC, oF                                       | -55 to +60, -67 to 140            |             |
| Operational Humidity         | %  | < 95                              |             |
| Weather Protection           | ABS antenna cover, waterproof, UV-resistance |                                   |             |


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


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