

# The Indoor Board

## Indoor Wall Mount Panel Antenna

BT512501

### The Board from Bolton: So easy to install, you'll be up boosting in minutes.

- Directional broadcast panel antenna for your cellular signal boosting system
- The Board works with all 50 Ohm signal boosters
- Easy installation - your DIY skills will make swift work of it
- Up to +8 dBi gain



#### ELECTRICAL SPECS

Product Specifications may change without prior notice.

#### RADIATION PATTERNS

|                         |            |         |         |           |       |
|-------------------------|------------|---------|---------|-----------|-------|
| Item No.                | BT512501   |         |         |           |       |
| Frequency Range         | MHz        | 698-800 | 800-960 | 1710-1990 |       |
| Gain                    | dBi        | 5.5±1   | 7±1     | 8±1       |       |
| Polarization            | Vertical   |         |         |           |       |
| Beam width              | Horizontal | deg     | 85±15   | 75±15     | 60±15 |
|                         | Vertical   | deg     | 75      | 73        | 60    |
| VSWR                    |            | ≤1.5    | ≤1.5    | ≤1.5      |       |
| Front-To-Back Ratio     | dB         | >8      | >8      | >12       |       |
| PIM, 3rd Order, 2 x 2 W | dBc        |         | ≤-140   |           |       |
| Input Power, maximum    | watt       |         | 50      |           |       |
| Impedance               | ohm        |         | 50      |           |       |

#### HORIZONTAL



#### VERTICAL



#### MECHANICAL SPECS

|                              |                                   |                                    |  |
|------------------------------|-----------------------------------|------------------------------------|--|
| Connector Type               | N-Female                          |                                    |  |
| Dimensions                   | mm, in                            | 165 x 155 x 50, 6.50 X 6.10 X 2.00 |  |
| Weight, without Mounting Kit | kg, lbs                           | .30, 0.66                          |  |
| Radome Material and Color    | ABS, White, RAL9003 / Pantone 705 |                                    |  |
| Mounting Kit                 | On-wall                           |                                    |  |
| Operational Temperature      | oC, oF                            | -55 to +60, -67 to 140             |  |
| Ingression Protection Rating | IP65                              |                                    |  |
| Cable Length                 | cm, in                            | 30, 11.81                          |  |
| Coax Type                    | RG141                             |                                    |  |



QUESTIONS? CALL US TODAY  
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