BOLTON TECHNICAL

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The Arrow

LPDA Antenna

BT974921

IN THE BOX

A 1 x LPDA Antenna

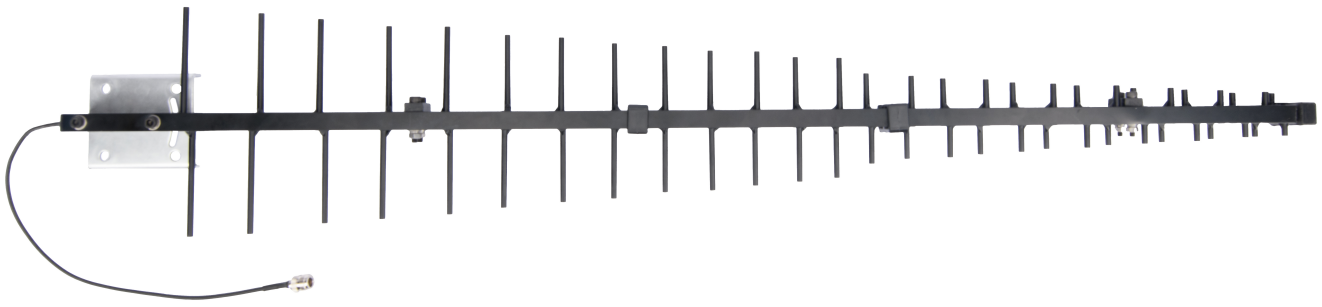
B 2 x U-Bolts

RECOMMENDED TOOLS

2 × 10mm Wrench or Socket

Adjustable Wrench and/or Pliers

A



B

AIMING THE ANTENNA

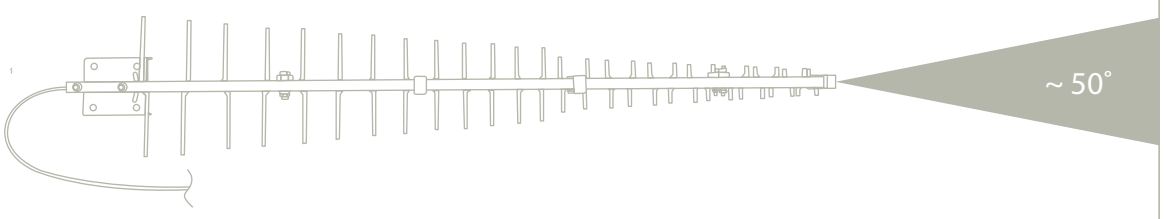
- **THIS ANTENNA HAS A WELL DEFINED SIGNAL AREA. IT WILL ONLY WORK WHEN AIMED CORRECTLY AT THE INTENDED TARGET.**
- **RECOMMENDED FOR USE IN RURAL AREAS, OR AREAS WITH WEAK SIGNAL.**
- **PROFESSIONAL INSTALLATION IS RECOMMENDED.**

LOCATE

Aim the antenna at the intended target. In most cases it will be a cellular tower which hosts your desired carrier's antennas. Keep in mind that a tower nearby that you know the location of may not be the broadcast tower for your desired frequency range and carrier. If you are unsure which tower to use, a number of tower location apps by carrier & frequency are available.

FINDING THE TOWER: The best way to see improvements in signal is with a spectrum analyzer. If one is not available you will use a "rough indicator" like the bars on your phone or speed tests on your devices. As you aim better or worse, you will see the difference in your device. **NOTE:** It may take up to 1 minute for your phone to update the signal strength reading with the bars. For real-time readings on your phone, manually change to show signal in dBm.

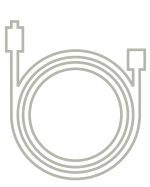
When aiming the Arrow, be aware of its 50 degree signal beam. The antenna can only find signal frequencies within this beam. Once the best position is found, secure the antenna firmly to ensure performance.



SIGNAL PATTERN VARIES DEPENDING ON YOUR FREQUENCY SELECTION
TOWER MUST BE WITHIN SIGNAL PATTERN TO FUNCTION CORRECTLY

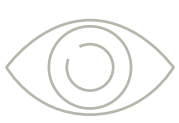
EXPERT TIPS

Scan this code to visit The Arrow product page on our website

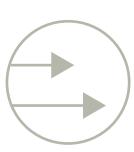


USE MINIMUM CABLE LENGTH

MAXIMIZE ANTENNA HEIGHT



FIND A CLEAR LINE OF SIGHT



USE TWO ANTENNAS FOR MIMO

DO NOT BEND CABLE AT CONNECTORS