

YX026-CEL - Directional Outdoor Signal Antenna

For maximum performance be sure to aim the antenna in the direction of your wireless provider's tower. If you know the direction of your provider's tower, simply point the antenna in that direction. If you are unsure of the location of the nearest tower, see antenna aiming instructions below. Note: the closest tower to your location may not be for your specific provider. Some helpful hints are included if you are unsure where your tower is located.

The YX026-CEL yagi antenna replaces the standard omni-directional signal antenna and provides 11 dBi of gain. All hardware is included to mount on masts up to 1 5/8" diameter.



Note: Choosing the highest possible point for antenna placement will usually produce the best results. If you do not have roof access, you should choose the side of the building with the strongest signal.

Keep the Antenna at least 3 feet above metal.

Keep the Base Unit unplugged until all cables are connected.

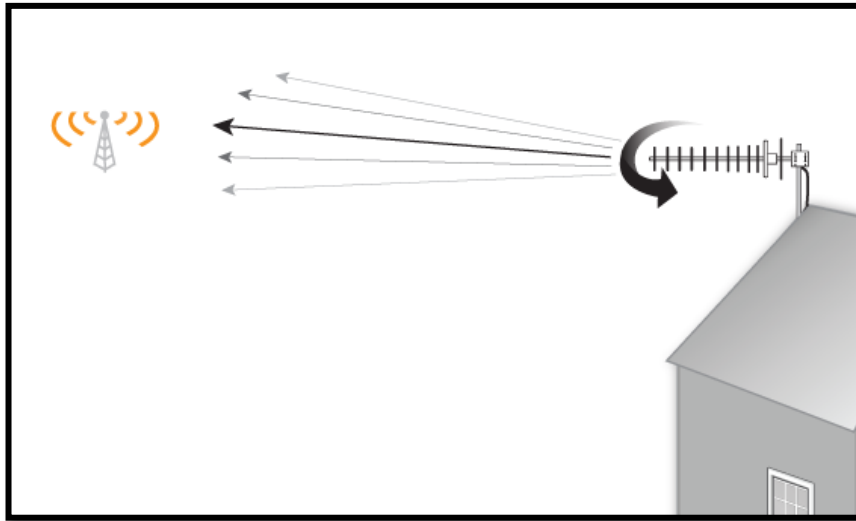
Installation Steps:

1. Once you have determined the location of strongest signal, install a mast or pole (not provided) on which to mount the antenna.
2. Connect the antenna to the mast using the provided brackets loosely enough to allow rotation around mast. Before securing antenna hardware, take care in finding the optimum angle at which to aim the antenna – See **Antenna Aiming** Section for further instruction.
3. Connect the coax cable to the antenna.
4. Route the cable indoors and connect it to the base unit using the Cell Phone Signal Booster installation instructions.

YX026-CEL Specs

Frequency	824-896 MHz
Gain	11 dBi
Beamwidth	40 degrees
Polarization	Vertical
Dimensions	34.25"Lx 7.5"W
Weight	1.0 lbs.
Connector	Type F Male
Mounting	May be mounted on masts up to 1 5/8" diameter

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You may also want to try
our **zBoost Signal
Finder** Android App

Antenna Aiming:

To get the maximum benefit, you will want to take special care to point the antenna in the direction of the best signal for your wireless service provider.

1. Place your cell phone on a non-metal surface which is 6-8 feet from the Base Unit Antenna.
2. Turn the signal booster on and wait 30 seconds. Note the number of signal bars displayed on your cell phone. For best results, you want your phone to display in the middle of the signal meter range or less so that it can go up as you rotate the Signal Antenna to the optimum direction. If it is reading too high, move the phone farther from the base unit antenna.
3. Record the number of signal bars (or range) _____(A) on your cell phone. Leave the phone in the same place and pointing in the same direction for the following steps.
Note the direction of the antenna starting position_____.
4. Rotate the antenna mast 90 degrees and then record the phone signal bars _____(B).
5. Continue to rotate the antenna mast another 90 degrees in the same direction and record the phone signal bars _____(C).
6. Again, rotate the antenna mast another 90 degrees in the same direction and again record the phone signal bars _____(D).
7. Look for the highest reading above. Set the antenna to that position and tighten the antenna mast.
8. If you desire to optimize further, then look for the two highest signal bar readings above and move the antenna between these two points to find the highest signal bars reading.
9. Once you have determined the highest reading position tighten the antenna mast.

You have now completed the Directional Signal Antenna installation.