

CHOOSE YOUR ANTENNA

Let us help you pick the right antenna for your
Cel-fi Go and PRO

The Cel-Fi GO requires both a minimum of two antennas to operate; one internal and an external antenna. A Cel-Fi GO can operate with multiple internal (donor) antennas however this is usually considered a bespoke solution and is best to get in contact with a qualified installer or at DC Power Automotive Solutions to verify.

A Cel-Fi PRO solution does not always require an antenna. If you have sufficient signal (at least 2 bars) then it is likely that the existing internal antennas will be sufficient for your needs. If you have very poor signal then it is highly likely that you will need an external antenna.

Should you feel unsure about which antenna would best suit your situation. Email us admin@dcpowersolutions.com.au or call our office on (07) 4818 2106 to discuss today!

INTERNAL ANTENNA OPTIONS



Wall Mount Panel Antenna

698-4000MHz (5/ 7dBi)

Able to be wall-mounted, this antenna is directional – meaning its signal is dispersed primarily within a 90° beam-width in the direction the panel faces. It's ease of installation and non-obtrusive appearance makes it ideal for pushing through long spaces or lightly walled areas (ie. home environment, sheds, dongas)



Ceiling Dome Antenna

698-4000MHz (2/ 5dBi)

This ceiling dome antenna pushes signal out in a 360° beam-width making it ideal for offices and home environments where ceiling mounting is desirable.



Wall Mount Panel Antenna

698-2700MHz (3.5dBi)

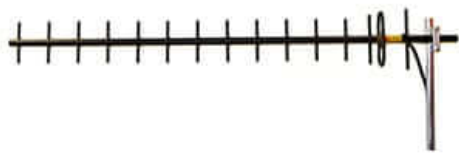
This antenna is easily hidden measuring ~10cm long with an adhesive back. Used primarily for marine, caravan and car applications where other internal antennas are too strong to achieve the required isolation. If you do not have enough distance or a suitable barrier between the external and internal antennas, the system will not work.

CHOOSE YOUR ANTENNA

Let us help you pick the right antenna for your Cel-fi Go and PRO

EXTERNAL ANTENNA OPTIONS

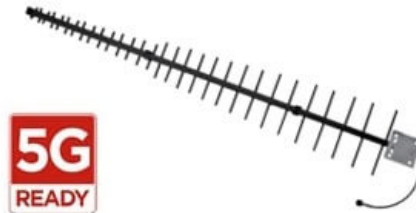
Directional – These are high gain antennas which need to be aligned with the signal source. They are able to pull signal over large distances (60km+) where clear LoS (Line of Sight) is able to be obtained. Best used in remote locations or where signal source location is known.



Yagi

698-890MHz (14dBi)

One of the highest gain antennas on the market. Able to 'grab' signal from long distances but also requires precision alignment due to its narrow beamwidth (5-10°). It should also be noted that this antenna is not wideband meaning that it is able to receive 3G & 4G frequencies but not standard 4G frequencies (1800 – 2100MHz).



LPDA

698-4000MHz (12/ 14dBi)

This ceiling dome antenna pushes signal out in a 360° beam-width making it ideal for offices and home environments where ceiling mounting is desirable.



Wideband LPDA

698-2700MHz (8/ 9dBi)

This antenna is easily hidden measuring ~10cm long with an adhesive back. Used primarily for marine, caravan and car applications where other internal antennas are too strong to achieve the required isolation. If you do not have enough distance or a suitable barrier between the external and internal antennas, the system will not work.

Omni – For use when clear LoS cannot be established (yet signal exists) or for ease of installation in suburban/regional environments. Pulls signal from 360°.



Omni High Gain

698-2700MHz (6dBi)

An Omni-directional antenna does not need to point towards the direction of where the signal is coming from and will receive a signal from 360 degrees. It can be roof, gutter or wall-mounted. Not recommended in low signal areas unless LoS cannot be determined.

CHOOSE YOUR ANTENNA

Let us help you pick the right antenna for your
Cel-fi Go and PRO

VEHICLE ANTENNAS

Future-proof your vehicle installations with Powertec's range of high-grade Omni Blackhawk Trucker Antennas. These premium grade cellular antennas will satisfy 3G and 4G capabilities for all the major networks in Australia. They can be used for both commercial and industrial 3G/4G applications.



40cm

Blackhawk Trucker Mini

698-2700MHz (3/ 5dBi)

Flexibility to be roof, gutter or mirror mounted. This antenna sits below the roofline of most vehicles meaning no worries about underground car parks or other low clearance areas. Comes with 'L' bracket.



68cm

Blackhawk Trucker Compact

698-2100MHz (6dBi)

Ideal for bullbar or nudge bar mount – a good all-rounder for coastal, mountainous or flat terrain. The bracket is additional.



60cm
1.2kg

Blackhawk Trucker Compact LITE

698-2100MHz (5dBi)

Lighter in weight than its sister antenna the Trucker Compact, weighing only 1.2kg. The new design includes a smaller barrel which helps reduce weight and minimises vibration and subsequent damage caused by driving on corrugated roads found in remote and harsh environments. The bracket is additional.



1070cm

Blackhawk Trucker EDGE

698-2100MHz (6/ 8dBi)

The tallest antenna in the Blackhawk Trucker range. Ideal for bullbar or nudge bar mount. Good for flat terrain, very weak signal or remote areas. The bracket is additional.