

Skywave 4G-5G Vehicle Bullbar Antenna

Model: VVCL-6922-5

- **Engineered for the highest possible performance on regional 4G/5G networks**
- **700-3800MHz wideband support for all mobile operators**
- **5G Ready**
- **Heavy duty construction for offroad and harsh outback conditions**

 *Designed in Australia for regional Australia*

The Skywave 5G Bullbar Antenna has been engineered for the highest possible performance on regional and rural 4G-5G networks. It sports a massive heavy-duty stainless-steel bell-spring for rough corrugations and thick fibreglass whip. Its tapered 27-32 mm fibreglass tube supports a wide PCB radiator which delivers maximum connectivity range with a total height of only 830 mm. We've gone wider not taller.

For serious endurance we've built the removable whip using an IP67 rated 4.3-10 interface, that isolates mechanical stresses from the RF connection, meaning even the harshest outback tracks won't stress the conductor.

Tuned for maximum performance on 4G Band 28 (700 MHz), 5G Band 26 (850 MHz), and 5G Band 8 (900 MHz) the antenna is able to achieve the best possible performance in areas where connectivity really counts. The antenna also supports mid-band frequencies with good performance to 2200 MHz, and unity performance out to 3800 MHz.



RF Specification

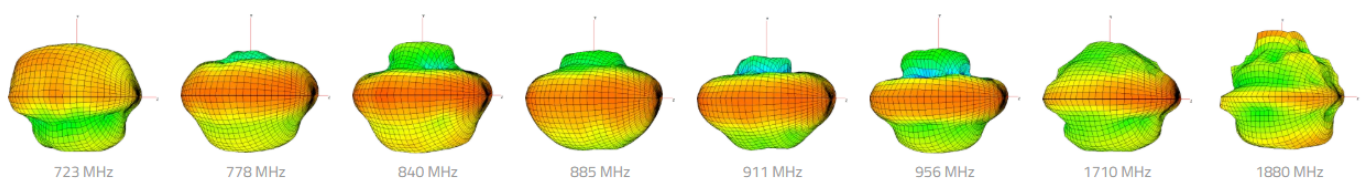
Model	WVCL-6922-5
Frequency	698-960 / 1710-2170 / 2300-2700 / 3400-3800 MHz
Nominal Gain	5.6dBi
Max Input Power	10W
Polarisation	Vertical
Input Pedance	50Ω
VSWR	< 1.2:1
Grounding	Ground Independent

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation	Efficiency
723 MHz	723 MHz	5.2 dBi	< 1.2:1	360°	41°	61%
778 MHz	778 MHz	5.2 dBi	< 1.2:1	360°	36°	55%
840 MHz	840 MHz	5.2 dBi	< 1.6:1	360°	35°	56%
885 MHz	885 MHz	5.25 dBi	< 1.8:1	360°	37°	53%
911 MHz	911 MHz	5.6 dBi	< 1.9:1	360°	37°	47%
956 MHz	956 MHz	5.4 dBi	< 1.2:1	360°	25°	42%
1710 MHz	1710 MHz	2 dBi	< 2:1	360°		16%
1880 MHz	1880 MHz	2.4 dBi	< 2.4:1	360°		16%
2170 MHz	2170 MHz	5.5 dBi	< 2.4:1	360°		18%

Physical

Whip Construction	Tapered Removable Black Fibreglass (GRP) Radome
Whip Interface	4.3-10 IP67 Rated
Spring	Heavy Duty Black Stainless Steel Bell Spring
Mounting	M14* 2P Threaded Stud & Nut
Length	830mm
Weight	1.9 Kg
Cable	5m RG58 Low Loss
Connector	SMA Male
Operating	-40 to 80°C
Certifications	ISO 9001 Quality Management

3D Pattern



Drawing

