



## Vehicle Tapped Whip Antennas

### HF VEHICLE WHIPS

**Bushcomm's** vehicle whip antennas are designed for the harsh climate and off road conditions found in the outback of Australia.

#### **Adventurer 16** HF Whip

Used heavily by isolated businesses and explorers for mobile communications, where HF radio replaces unreliable or non-existent telephone networks.

The Bushcomm HF tapped whips have you covered with frequencies for the major HF radio groups and for emergencies with the Royal Flying Doctor Service.

The two available whips feature pre-tuned frequency taps for VKE and VKS networks as well as RFDS and one 27145kHz HF CB option. See next page for frequency charts

#### **Highlander 8** HF Amateur Whip

Popular with the amateur market, the **Highlander 8** features eight taps tuned to the centre of the standard Australian amateur bands. It has a manually adjustable stainless steel tip that lets you control the frequency to get exactly where you want to operate in the band..

#### **Quality Construction**

All whips consist of an extra-thick, strong and durable internal fibreglass tube. The whips are computer-controlled machine-wound for consistent quality and finished with a heavy-duty adhesive-lined Polyolefin sheath. We also make custom whips to suit specific licenced frequencies.

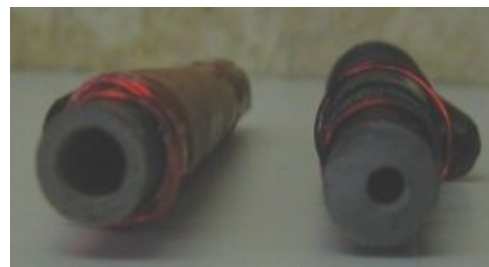
#### **Technology**

Bushcomm uses a custom designed computer-controlled machine that winds the wire to a tolerance of 0.2mm for accurate and precise wire placement. All whips then go through an extensive test phase before being placed into stock.



#### **Quality Materials**

Polyolefin coating is a heavy industrial grade heat shrink material. The inside of this sheath is lined with adhesive to eliminate wire movement and make the whip moisture-proof. The result is a strong and good looking finish.



*Bushcomm whips are constructed with an extra-thick internal fibreglass tube that is up to 4x thicker than the average mobile whip, providing the utmost structural integrity.*

Another Quality Bushcomm Product

*Made in Australia*





## Vehicle Whips Frequency Summary

<b>Highlander 8</b>	
<u>Bands (m)</u>	<u>Tap</u>
10 / 11	8
12	7
6 / 15	6
17	5
20	4
30	3
40	2
80	1

<b>VKS Plus Frequency list</b>		
Freq	Station	Tap
27145	HF CB	8
14977	VKS 4	7
11612	VKS 3	6
10180	VKS 7	5
8022	VKS 2	4
6845 6825 6796	RFDS Charleville RFDS Kalgoorlie Secondary VKS 6	3
5455 5410	VKS 1 RFDS Alice Springs Primary	2
4010 3995	RFDS Port Augusta Primary VKS 5	1

<b>Adventurer 16 Frequency list</b>		
Freq	Station	Tap
15972	VKE 63	16
14977 14662	VKS 4 VKE 55	15
12197	VKE 62	14
11612 11487	VKS 3 VKE 54	13
10180	VKS 7	12
8022	VKS 2	11
7899	VKE 56	10
6965 6950 6920	RFDS Mt Isa RFDS Port Hedland RFDS Broken Hill	9
6845 6825 6790	RFDS Charleville RFDS Kalgoorlie VKS 6 VKE 60	8
5455 5410	VKS 1 RFDS Alice Springs	7
5360 5300	RFDS Kalgoorlie RFDS Derby	6
5145 5135 5110	RFDS Cairns VKE 52 RFDS Mt Isa	5
4980	RFDS Charleville	4
4055 4045 4030	RFDS Broken Hill RFDS Carnarvon RFDS Port Hedland	3
4010 3995	RFDS Port Augusta VKS 5	2
3890.5	VKE 50	1



The Highlander 8 is fitted with an adjustable tuning tip.



Heavy Duty chromed plate Brass Base  
Height: 58mm  
Weight: ~500gm



Zinc plated mounting spring with internal connector wire between end the plates.  
Height: 110mm  
Weight:~750gm

**NB:** All tapped whips require a base fitted with a PL259 (see left) and a mounting spring, for collision and vibration protection. Antennas and accessories have 1/2" BSW threads.



**New** large labelling on the Highlander 8 and Adventurer 16 antennas.



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