



BROADBAND PROPAGATION

Antenna Design & Supply

1-3 Adelaide Rd. Echunga
PO Box 529 Echunga
South Australia. 5153

Phone: (08) 8388 8132
Fax: (08) 8388 8536
Intl.Phone: (618) 8388 8132
Intl.Fax: (618) 8388 8536

ABN: 84 232 273 647

E-mail: sales@broadbandpropagation.com
Web: www.broadbandpropagation.com

BPV-160-24 Heavy Duty Glass Fibre Whip

The BPV-160-24 is a ruggedly constructed tuned whip built from a solid glass fibre core covered with a heavy-duty braided copper conductor and an insulating sheath. Solid construction offers greatly increased impact survival over hollow glass fibre whips. (Survives better than 35 impacts at midpoint at speed of 40 Km/h)

The insulating sheath enables it to be used in environments where there is risk of contact with high voltage sources such as fallen power lines.

The fully enclosing copper, braided conductor enables a very efficient transfer of radiated power and high power rating.

It can be supplied as a single piece, or made up of 2 or more heavy duty threaded joints. The standard length is 2.4m but it can be supplied at other lengths according to customer requirements.

Note: The antenna needs to be used with a suitable Antenna Tuner Unit.



Specifications

Frequency range:	1.5 to 30 MHz tuneable
Input Impedance:	50 Ohms (with suitable tuner)
Power Rating:	1000 watts CW
Polarisation:	Vertical
Radiation pattern:	Omni-Directional
Colour:	Matt Black overall
Diameter:	15mm
Length:	2.4m
Weight:	1.3 kg
Impact:	better than 35 impacts midpoint at speed of 40 km/h)
Mounting:	Standard mount is via 1/2" Whitworth stud.

(Can be supplied with other base attachment formats or threads)

Note: drawing shows base which is not included.