



# BROADBAND PROPAGATION

## Antenna Design & Supply

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### BPV-160-27 Heavy Duty Glass Fibre Whip

The BPV-160-27 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 or low strung power lines.

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

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:	160 watts
Polarisation:	Vertical
Radiation pattern:	Omni-Directional
Colour:	Matt Black overall
Diameter:	15mm
Length:	2.7m
Weight:	1.5 kg
Impact:	better than 35 impacts midpoint at speed of 40 km/h)
Mounting:	Standard mount is via ½" Whitworth stud.

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

Note: drawing shows base which is not included.