



HIGHLANDER 8 Heavy Duty Multi-tap Mobile HF Antenna.

Amateur bands 80-40-30-20-17-6/15-12-11/10 Metres

*BU00253 - 1/2" BSW Male Ferrule

*BU01180 - 3/8" UNF Male Ferrule

Mounting the Antenna

It is highly recommended that the antenna is mounted on your vehicle via a spring and base. Regardless of the mounting point, for best performance the base must be earthed to the vehicle body. For best results, any adjacent body panels (e.g. bonnet, boot lid) should be earthed with a specifically installed earth strap.

Selecting the Frequency

Frequency selection involves first selecting the band required, then adjusting for the frequency within the chosen band

The antenna band is selected using the taps (banana sockets) along the whip and the wander lead (short length of cable with a banana plug at each end) that has been provided. Each tap is labeled with its associated band.

Plug one end of the wander lead into the tap closest to the antenna base. Wrap the cable around the antenna and plug the other end into the tap for your required band. To change band simply remove the top plug, unwind the wire then rewind and plug into the new band.

If you want to use the lowest band then remove the wander lead altogether but make sure you store it in a safe place for future use.

The antenna is pre-tuned to be at the centre of the selected band when the adjustable tip is extended half way. At this point, the VSWR should be 2:1 or better. With the tip at this half way position, VSWR at the edges of the band may be up to 2.4:1. To adjust for particular frequencies within the band simply move the extendable tip either in or out. The more the tip is out the lower the frequency will be. Best results will be obtained by tuning for minimum VSWR with a VSWR meter.

Connection to the Radio

Connect your radio to the coax connector on the antenna base. Your antenna is now ready for use.

