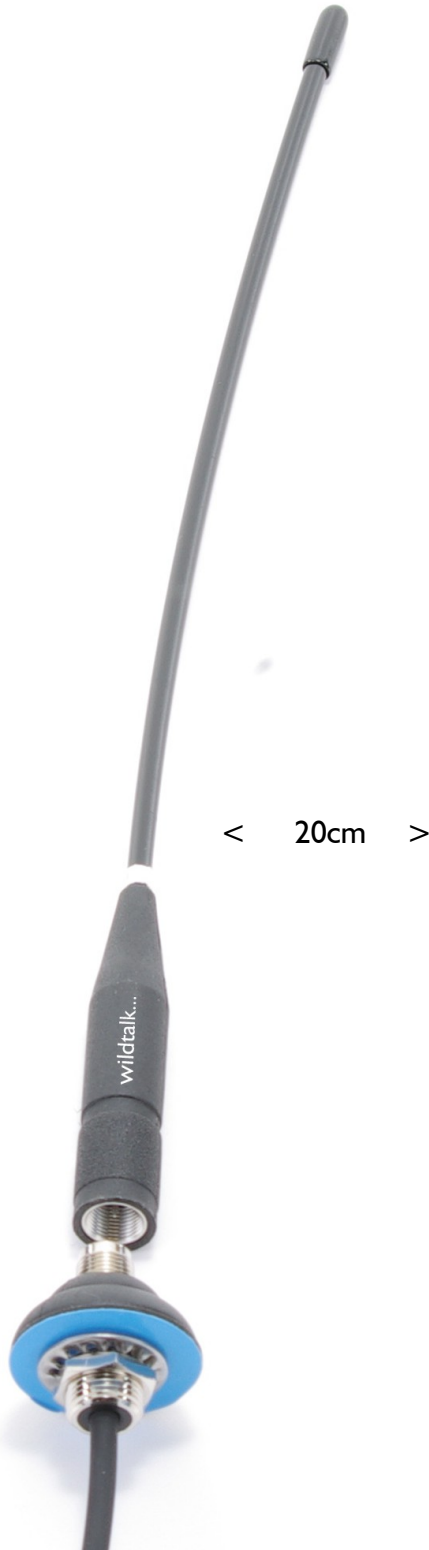


## Antenna HM Fitting



Antenna HM is a ground-plane independent antenna for frequencies 438 to 472 Mhz.

It does not need a ground-plane so it can be fitted to any horizontal surface, non conducting or metalwork making it ideal for Motorcycles.

### Fitting

For best range a location should be chosen as high as possible and preferably at least 20cm from vertical metalwork, riders and luggage in the horizontal plane.

An ideal location would be on the top of a top box or perhaps on a rear luggage rack.



The aerial cable will be terminated with either an FME and BNC (Top Image) or SMA. Unscrew the BNC adaptor leaving only the small FME plug. The FME or SMA will pass through 8mm holes.

The cable should be carefully routed to avoid chafing or damage to its insulation and to discourage water ingress to the bike. If using cable ties avoid pinching the cable.

Locate the radio in a dry place and on the rider side of suspension components to avoid vibration. Under a seat or in a panniers are usually ideal. Take care that no strain is imposed on the radio by the aerial cable.

Transmitting without an aerial and use outside the frequencies 438 to 472 Mhz for transmitting may damage the radio.