

Atlas Aerial systems guide to TV aerial selection.

Atlas aerial systems

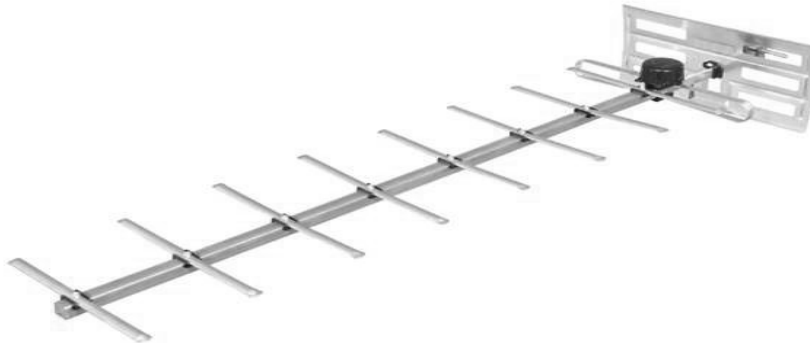
A bewildering array of TV aerials exists to confuse you, and the potential to empty your pockets.

What decides which aerial you need For a **tv aerial installation?**

Well listing them all is near impossible but the one main thing is the distance from a transmitter.

The transmitter could be a main such as Emley Moor, or Belmont, Bilsdale etc or a small local transmitter for getting over poor reception problems.

If you are in line of sight of a powerful transmitter, say Emley Moor at 500,000 watts then you may be able to get away with a pretty basic Aerial like the one below.



This is a contract ten element aerial, which is quite adequate if you can say see Emley on the horizon, as we can.

This aerial imposes very little strain on a chimney and doesn't need huge brackets to mount it. But it certainly doesn't reject stray signals from traffic, especially the pesky noisy little motorcycles.

A better solution for good signals, laced with traffic interference is a basic log periodic TV aerial like this one

A log periodic is astonishingly good at rejecting noise from vehicle ignition systems.



The log periodic now reigns as the superior a TV aerial for digital reception,amazingly some people don't like it because its looks contradict the usual idea of A tv aerial.

For one up man ship the ultimate is the stealth aerial consisting of two log periodic s phased together giving formidable signal gathering and noise rejection.



The only really problem with this aerial is its loading on chimneys and bracketary, but if your chimney is up to par then fine or it can obviously be mounted on a convenient wall if there is one available.

In this brief look at TV aerials, freeview aerials, you can see it is a formidably varied subject so if you do need advice please get in touch for a chat and advice.

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Tv Aerial

TV Aerial installation

freesat

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freeview Aerial

TV wall mount