

Hotspots !!!

Buy what meets your needs and price. (See links below)

But make sure it offers D-Star and Software [Pi-Star](#) or [BlueDV](#) or [OpenSpot](#)

Some info -

Sticking a longer antenna on a hotspot does not always means more range or make it work better. Most longer VHF/UHF antenna work better on VHF but not on UHF and you gain nothing by using them.

Better to use a UHF only antenna.

BUT what will give you more range is add a counterpoise/Group Plane.

A Hotspot does not have any ground plane or counterpoise, so 50% of the antenna is missing.

You can do this <http://hamradio.joomla.com/counterpoise.html> by **adding to the hotspot** or use a metal case and make sure the outer of the SMA is touching the metal case. (Add a Wire if required)

You will see the range get better by up to 50% with a small mod.

Coax to a Antenna

Remember your working with 10mW of power. (0.01 Watts)

So what you gain by a larger antenna you loss more in the run off coax.

Keep coax as short as you can.

[Simplex Hotspot on Ebay](#)

[Mirfield Electronics](#)

[Amateur Radio Toys](#) by [Winters CN](#)

[True – DVMegas](#) (Do not buy from a UK Dealer)

[ZUM Spots](#)

[OpenSpot](#)

[NEXTION - HAM-Radio screens](#)

<http://tiny.cc/AnytoneDMR>