



Winsig Broadband Antenna Usage Guide

The WINSIG Compact broadband antenna is a compact, omni-directional wide-band antenna, which is able to receive mobile phone and Wi-Fi transmissions across a broad range of frequencies. This can be connected to a mobile phone or broadband router to boost the signal capability and throughput of your device when mobile or stationary.

Frequency band (MHz)	Signal gain (dBi)
696 - 960	2.0
1710 - 2170	3.5
2300 –2700	5.0
3500-3700	5.0

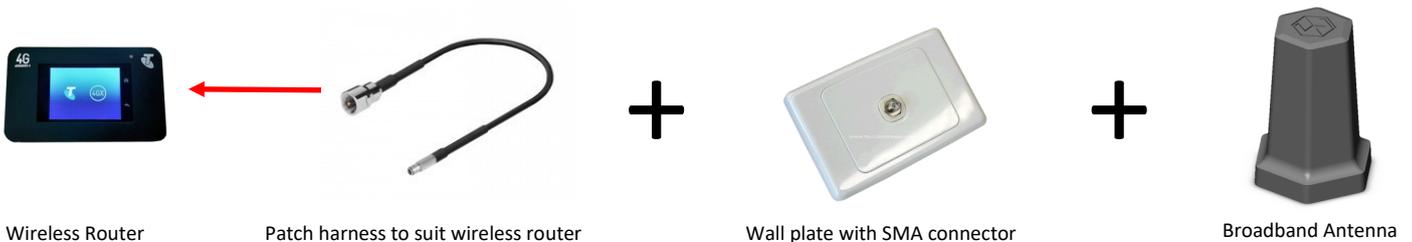


CONNECTION OPTIONS

The **direct connection** option uses a patch cable (sold separately) to connect to a wireless broadband router, available from most telco companies. This will provide the best possible connection to your broadband antenna with minimal signal loss at the connection, and give better overall results.

The two most common connectors in the Australian market are TS9 (Sierra, ZTE) and CRC9 (Huawei). Both of these patch harnesses, along with optional wall plates are available from us.

Pre-paid broadband routers are a great way to go for internet access, and to connect to smart TV's .



In the box

- Broadband antenna with 1.25m cable and SMA male connector (1)
- RG58 low loss 4m extension cable (1)
- Aluminium mounting bracket (1)
- 10G x 15mm mounting screws (4)
- Patch cable—SMA to TS9 (1)
- Waterproof cable gland (1)
- Wall plate—SMA connection
- Adaptor—SMA male to SMA male



WINSIG
Antenna Systems



Typical Installation

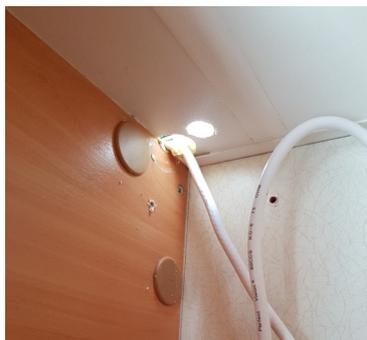
1. The broadband antenna may be placed at any convenient location on the roof of the van, and secured with the provided 4 screws. **Note: Caution should be taken to make sure that it will not obstruct other objects which may move, such as Satellite dishes and TV antennas.**
2. The choice of the pass through hole in the roof is different for every van/RV. We recommend that this be above a convenient overhead cupboard, so that the hole is not apparent and unsightly in the ceiling of the van.
3. Drill a 16mm hole through the roof and ceiling of the van, and secure the provided waterproof cable gland to the roof with 2-pack epoxy adhesive and allow to dry.
4. Pass the broadband cable through the cable gland and tighten to make a waterproof seal.
5. Use exterior silicone sealant to seal around the cable gland and the screws which hold the broadband antenna to the roof. The exterior installation is now complete.
6. Typical interior installation with an overhead cupboard is shown below.
7. Once the broadband cable is routed into the cupboard, the wall plate may be used to create a neat solution on the exterior of this cupboard. Shown below is one popular installation allowing the broadband router to be located on an adjacent shelf next to the cupboard containing the broadband cable pass through. This is application specific, as your van may feature a different layout

Cable gland installed on the roof above overhead cupboard



E-Mail: enquiries@winsig.com.au

Roof pass through into overhead cupboard



Phone: 0448 278844

Broadband wall plate located on outside wall of overhead cupboard above adjacent shelf



Website: www.winsig.com.au