

***Congratulations on the purchase of your LABGT12G aerial. The aerial is ideal for the reception of all available signals in strong and medium strength areas. The aerial design has been modified to minimise reception of signals above 790MHz from Lte800 4G mobile phone transmitters which can cause interference with digital TV channels.***

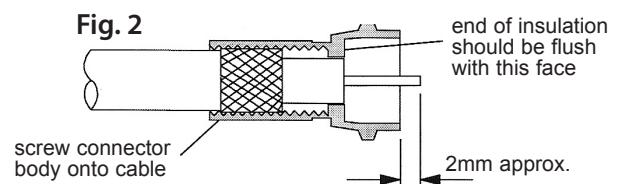
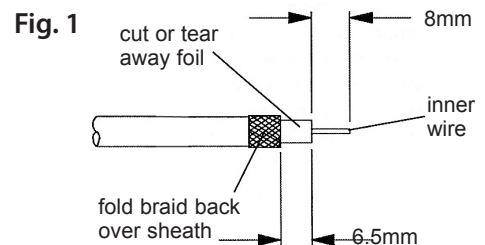
***Features include:***

- 12dBi Gain
- F type connector for secure and easy connection
- Fast simple assembly
- Compact pack for easy transportation

***Installation Instructions***

*For optimum results install the aerial using double screened CAI benchmarked digital coax cable and screened coax outlets. You will need to fit the coax cable with the F type connector supplied to connect to the download (not supplied) to the F socket on the aerial.*

1. Prepare the Coax Cable: Firstly fit the rubber weather boot provided, to the aerial end of the cable. Strip the end of the cable as shown in Fig. 1. Once you have stripped the cable, twist the braid and pull it back on itself, make sure that no braid is touching the copper core, this will cause a short on the cable and you will not get any signal.
2. Fitting the F connector: Now, simply twist on the 'F' connector supplied and trim the central conductor.



For best results the aerial should be mounted on an outdoor aerial mast and pointed in the direction of the nearest transmitter\* making sure it is in a position where the transmitter signal will not be obstructed by nearby trees and buildings. If you are in any doubt about the direction in which the aerial should be pointing or the orientation of the aerial (horizontal for main transmitter, vertical for relay transmitter) check your neighbours' aerials.

The aerial requires some assembly.

If mounting on an existing mast check that the mast is in good condition and firmly fixed.

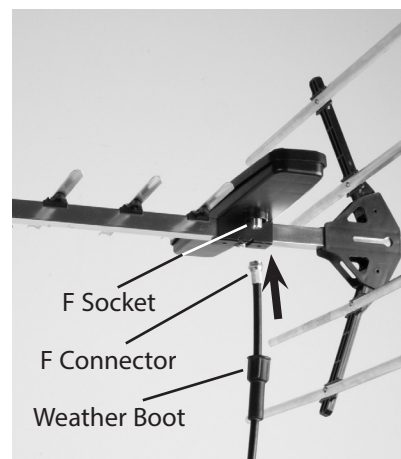
***Fitting the reflectors***

5. Slide the reflectors into the sockets mounted on the central boom until they click into place as shown in Fig. 3 & 4. Making sure the convex sides of the reflector elements are facing forward.



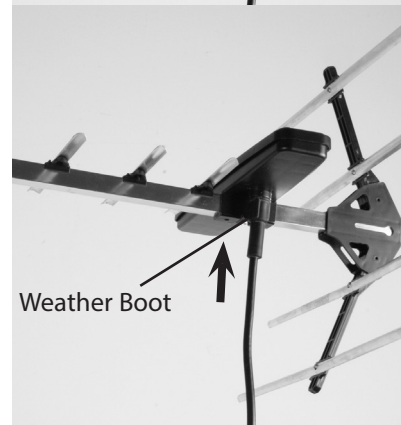
6. Connect the aerial downlead to the 'F' socket on the underside of the balun (be careful not to over tighten the F connector) see Fig. 5.

Fig. 5



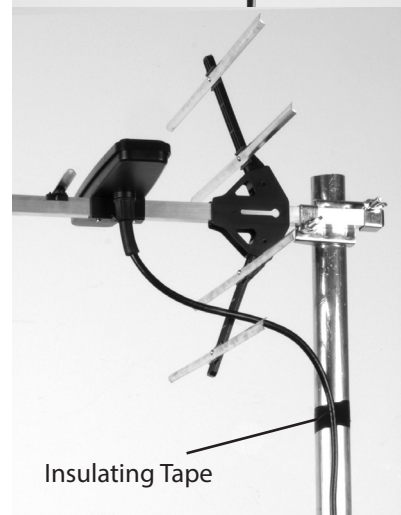
7. Slide the weather boot over the 'F' connector and socket to make a good seal - see Fig. 6.

Fig. 6



8. Make sure that the downlead is routed as shown in Fig. 7. Use insulating tape, to secure the the coax downlead to the mast.

Fig. 7



6. Finally connect the aerial to your TV/set top box and check the picture. Fine adjust the direction of the aerial to obtain the optimum signal reception.

## Troubleshooting

### No picture:

Check all connections from aerial to TV.

### Poor picture:

Check all connections from aerial to TV.

Check aerial is properly aligned to the correct transmitter. If the aerial has been loft mounted try mounting outside.

Make sure new digital coax cable has been used throughout the installation.

### Caution

When mounting the assembled aerial, always observe safety precautions and use the correct equipment.

Unless you are competent in the use of ladders and other access equipment, do not work outdoors at roof height. If in any doubt, refer to a qualified aerial installer.

Check the transmitter signal is not obstructed by nearby trees or buildings.

If in a very weak signal area or for long cable runs, installing a masthead amplifier will improve the signal.

If in a strong signal area the signal strength may need to be reduced by fitting an attenuator.

For further information, please contact:

**Customer careline: 08457 573479**

(Local Rate - UK Only)

**Technical Support: [www.philex.com/support/](http://www.philex.com/support/)**

### Other Useful Websites for Digital Advice:

\*To find out what channels should be available locally and to find out where your nearest transmitter is (distance and compass bearing) visit: **Digital UK Website:** <http://www.digitaluk.co.uk/coveragechecker/>