

How each component effects your final picture



By Richard Henry

PROBLEM

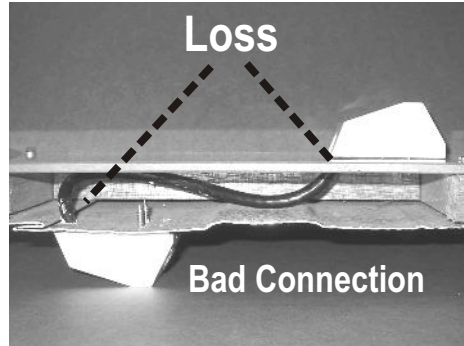
Poor quality cable and connections greatly reduce the amount and quality of the signal that reaches the TV especially above channel 40.

DATA

Caravan manufacturers are not signal experts. They often fit poorer quality cable in a caravan wall- between the outside plug and the internal plug. The result being that it will not pass UHF frequencies above channel 40 very well. Since 87% of TV transmitters are UHF this becomes a significant problem. In the poorer quality cables, the higher frequencies have more resistance to the flow of the signal and therefore the less chance of a decent picture.

The use of cable in the wall means at least two extra connections (more signal loss and possible connection problems). When using an amplifier, two more connections are required to incorporate a power injector equating to more signal lost.

The push in type connectors used (called Pal fittings) have more signal loss and tend to rust or oxidise, further increasing the signal loss. Many of the fittings used are made for skirting boards inside houses and are not suitable for use outside.



SOLUTION

It is very important that the customer be able to buy an antenna "system" and not just an antenna. By system I mean: All parts are matched. Result = absolute minimum loss or alteration of the signal received from antenna to TV.

The explorer range uses our exclusive "thru the wall connection kit" to get rid of the need of the cable in the wall. This system goes straight through the wall of the van and uses no internal cable. It uses screw-on "F" connectors made of



nickel plated brass. All other exterior components are stainless steel and rubber. Result = no corrosion problems and no signal loss.

The explorer range of antenna systems are all amplified antennas. The power injector is part of the "Thru the Wall" connection kit and powers the amplifier in the antenna. Result= two less connections and less signal loss.

Explorer manufactures a range of "thru-the-wall connection kits" to cover different requirements. We make and sell passive (no added electronics) versions - available as an accessory (excellent for satellite and or any other competitor's antenna) these are fitted by caravan manufacturers. Refer to pictures below.

The explorer range comes complete with all cables to ensure good care is taken of the signal gathered by the antenna, guaranteeing it reaches the TV and gives a good picture, no matter the frequency received



**DEEPER
IMAGE
TELEVISION**
Delivering Images Through Technology

45 YEARS EXPERIENCE



Ask your caravan dealer for the **explorer** antenna System - The one that works!

207A Elgar Rd, Surrey Hills, 3127 - (03) 9808 6999
sales@deeperimage.com.au - www.deeperimage.com.au