

When installing a car radio, one major problem is where to mount the aerial. However, in some cases it may not be necessary to mount one at all!

ALTERNATIVE CAR AERIAL

(F.Ulbrich)

If the car has a rear window defroster, this can sometimes be used as an aerial - provided two coils and one capacitor are added. The coils are used to stop the RF signal from being grounded via the earth and battery connections. The capacitor keeps the DC off the aerial input of the radio.

Coils L1 and L2 are 25 to 30 turns of 1.25 mm ϕ copper wire (18 SWG), wound on a 6 mm ϕ ferrite rod.

