

PRODUCT INFORMATION

DIAMOND

MAT-50

WATERS & STANTON

Magnetic Antenna Grounding Sheet for 7 to 50MHz

NEW 



- Frequency: 7MHz to 50MHz (3.5MHz by using two sets)
- Max Power Rating: 500W (SSB), 200W (FM/CW)
- Adhesive performance: 110km/h (with no wind)
- Ambient temperature: -20C to +90C
- Cable length: approx. 300mm
- Dimensions: 80 x 195mm (sheet size)
- Weight: 55g
c/w 300mm wire, 16mm lug & heat shrink tubing

The MAT-50 Magnetic Antenna Grounding Sheet is for use with HF mobile antennas, especially those being used with magnetic mounts. Originally magnetic mounts were used with VHF and UHF antennas and the ground capacity for these frequencies was more than adequate.

To get the best out of an HF mobile antenna mounted this way, reliable capacity to ground (in this case the car chassis) is required. Up to now this has been quite variable especially between different makes of cars.

The MAT-50 has been designed to help eliminate troublesome body grounding capacity simply by putting the sheet on a flat area of the steel bodywork. A single sheet will enable HF coverage from 7MHz and two sets of sheets for coverage from 3.5MHz with a suitable HF mobile antenna.

Note that to operate on 50MHz the connecting cable has to be cut to less than 20cm, and that 50MHz can not be operated when two sets of sheets are used.

Order As MAT-50 Magnetic Antenna Grounding Sheet

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