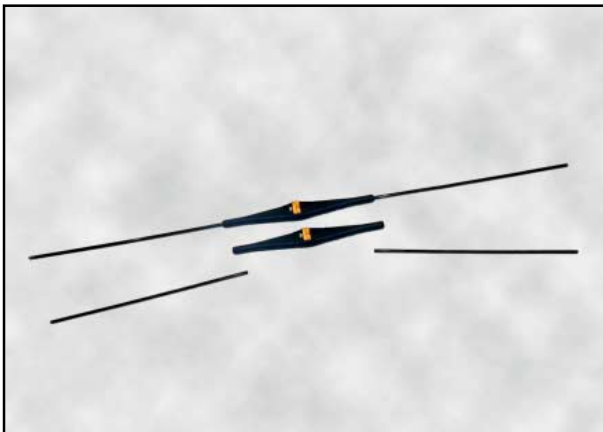
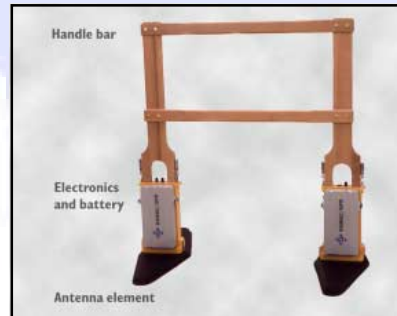


RAMAC/GPR

RAMAC/GPR unshielded antennas are low frequency antennas used for applications requiring maximum penetration depths. Where cultural noise is not a factor and the project demands maximum penetration depth MALÅ GeoScience's unshielded 25, 50, 100 and 200 MHz antennas are the answer.

All RAMAC/GPR unshielded antennas use interchangeable antenna electronics, digital length meters, antenna handles and controller. The antennas are light-weight and made for one-man surveys. Antenna separation is flexible enabling CMP and WARR data collection for velocity calculations.

The unshielded antennas enables non-invasive subsurface investigations with applications in civil and geotechnical engineering, geology and hydrogeology.

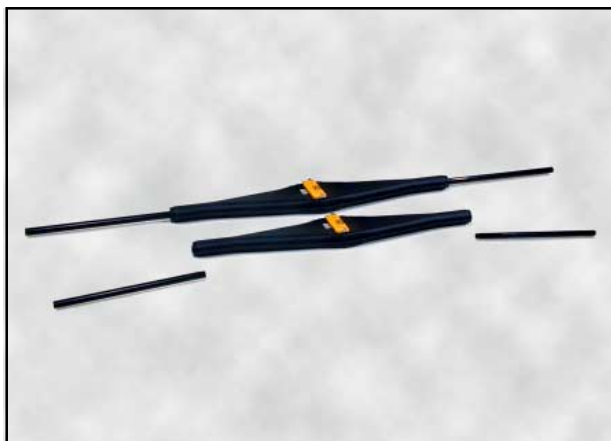


25 MHz unshielded antenna

The 25 MHz antennas are made for deepest possible penetration. The antenna rods are detachable for simpler transportation. The light-weight, low frequency, 25 MHz antenna are commonly used for geological and stratigraphical surveys in open terrain.

Dimensions: 4.06 x 0.20 x 0.07 m

Weight: 3.85 kg (each)



50 MHz unshielded antenna

The 50 MHz unshielded antenna is designed for moderately deep measurements. Its detachable antenna rods makes it easy to transport. The 50 MHz antenna is light-weight and one-man operatable. Commonly used in geological and geotechnical applications.

Dimensions: 2.06 x 0.20 x 0.07 m

Weight: 2.65 kg (each)

Products - Unshielded antennas



100 MHz unshielded antenna

The 100 MHz unshielded antenna is a general purpose antenna with good penetration and fair resolution. Its application range is broad. It is used for river, landfill studies as well as for karst, lake bottom mapping and deep pipe and bedrock detection.

Dimensions: 1.04 x 0.16 x 0.04 m

Weight: 1.10 kg (each)



200 MHz unshielded antenna

The light-weight 200 MHz unshielded antenna has a broad application range. It gives mid-range penetration with good resolution and it is a popular antenna for utility, bedrock and cavity detection. The compactness of the antenna facilitate surveys in more vegetated terrain.

Dimensions: 0.54 x 0.16 x 0.04 m

Weight: 0.55 kg (each)



Accessories

There are many optional accessories for the unshielded antennas from MALÅ GeoScience. To simplify long profiles there are skidboxes and sledges. There are also several options for keeping track of the distance and for triggering the traces. Optical fibers comes in several lengths for making velocity surveys easier.

Call us, for more options.



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Products - Shielded antennas