

GCB

GROUND COUPLED ANTENNAS



Fully Shielded with Excellent Results

Antennas from the GCB-series represent the best performance Ground Coupled Bowtie GPR antennas on the market. These fully shielded GPR antennas provide excellent results even in the most EM polluted survey sites anywhere in the world.

By implementing sophisticated modeling and electrical design solutions we assure you that each of the GCB antennas is lightweight and compact, superseding other currently available solutions.



GEOSCANNERS
geophysical survey solutions

www.geoscanners.com
info@geoscanners.com
+46 921 530 20

Geoscanners AB
Kanslihusvägen 10
SE-96143 Boden
Sweden



The smallest and lightest ground coupled antennas on the market.

GCB antenna selection

The GCB antennas are produced with a variety of center frequencies, allowing the users to select the best balance between the required depth of penetration and resolution of the antenna. The center frequency for any of the GCB antennas can easily be determined by simply reading the number value in the name of the antenna.

Rigorous quality control checks done at the end of the production line take care that all of the antennas outside of the specification are rejected and returned for repair and tuning. In this way we are sure that our customers can rely on their equipment performance and focus on the survey at hand.

Antenna	Center Frequency	Penetration Depth	Resolution	Range	Dimensions (mm)	Weight
GCB-100	103 MHz	15 m	0.5 m	50-350 ns	460x460x255	11.5 kg
GCB-200	210 MHz	10 m	0.25 m	30-200 ns	360x330x157	3.5 kg
GCB-300	307 MHz	10 m	0.15 m	20-120 ns	380x295x160	2.6 kg
GCB-400	380 MHz	4 m	0.125 m	15-75 ns	320x255x150	1.65 kg
GCB-500	480 MHz	2.5 m	0.1 m	10-50 ns	320x255x150	1.7 kg
GCB-700	675 MHz	1.5 m	0.07 m	7-35 ns	320x255x150	1.35 kg
GCB-1000	1000 MHz	1 m	0.05 m	5-25 ns	248x200x97	1.05 kg
GCB-1500	1500 MHz	0.75 m	0.015 m	3-20 ns	248x200x97	1.05 kg
GCB-2000	2000 MHz	0.4 m	0.0125 m	2-10 ns	248x120x97	1.05 kg
GCB-3070	300MHz 700 MHz	7 m 1.5 m	0.16 m 0.07 m	20-120 ns 7-35 ns	472x330x177	4.35 kg

Note: The information in this brochure is based on the latest information at the time of publication. Geoscanners AB® reserves the right to make changes at any time, without notice to color, specifications, accessories, materials and models. For more information contact the Geoscanners AB Sales Department +46(0)92153020. ©2015 Geoscanners AB, Sweden.



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