

# MG-Series

MOBILE  
COMMUNICATION



GROUND-PLANE ANTENNAS 450, 900 MHZ

## Antennas for both mobile and stationary use where there is no metal ground plane

Ground-plane antennas from Carant are made for use in situations where there is no metal ground plane under the radiator. They can be used on boats, at summer cottages, and on lorries and cars without metal bodies – those with fibreglass bodies, for example. The antennas have a robust construction and are omnidirectional with high gain, up to 8 dBi.

Ever since mobile telephones hit the market, CARANT has worked continuously to develop and improve its mobile telephone antenna systems. Backed by useful feedback from customers and years of experience in the field, our skilled engineers have been highly successful in keeping pace with the market's demands for design and quality.

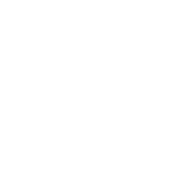
Our products are sold by qualified retailers both in Sweden and abroad.

### Advantages

- Carant has years of experience providing the antenna systems the market demands
- For use when there is no metal ground plane
- Omnidirectional
- High gain, 2–8 dBi
- Robust



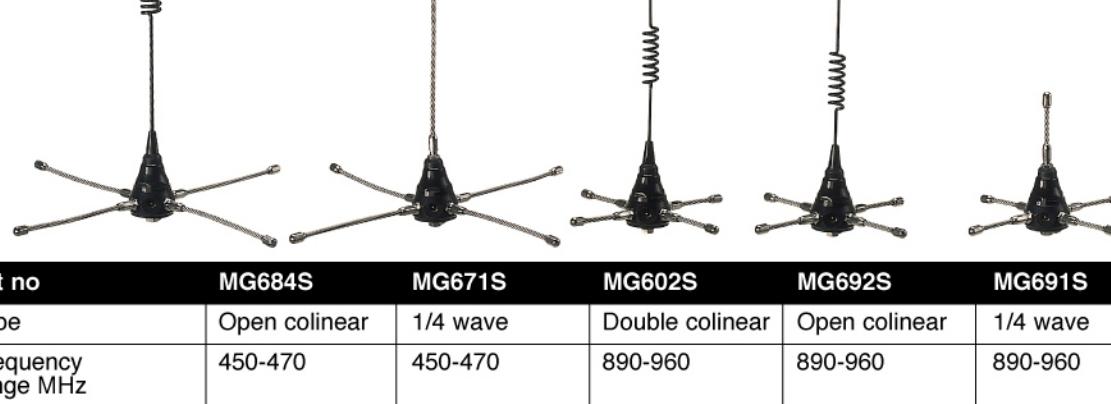
MOBILE  
COMMUNICATION



# MG-Series



GROUND-PLANE ANTENNAS 450, 900 MHZ



Art no	MG684S	MG671S	MG602S	MG692S	MG691S
Type	Open colinear	1/4 wave	Double colinear	Open colinear	1/4 wave
Frequency range MHz	450-470	450-470	890-960	890-960	890-960
Impedance (ohm)			50		
Polarization			Vertical		
Max power, base			25 W		
Gain	3 dBd (5 dBi)	0 dBd (2 dBi)	6 dBd (8 dBi)	3 dBd (5 dBi)	0 dBd (2 dBi)
Color	Black	Blank	Black	Black	Blank
Radiator height mm	520	160	510320	70	
Weight, base, gr			190		
Thread, base			M5 inside		
Base mm			ø 38		
Base height mm			50		
Connector			FME male		
Radiator	885	791	902	951	964
Groundplane element		2841		2840	



CARANT ANTENNA H-9028 Győr, Török Ignác u. 66., Hungary

Phone: +36 96 516 010 Fax: +36 96 516 016 e-mail: carant@carant.hu