



REEL

Reinheimer Elektronik

REEL Reinheimer Elektronik GmbH

Felsweg 6a

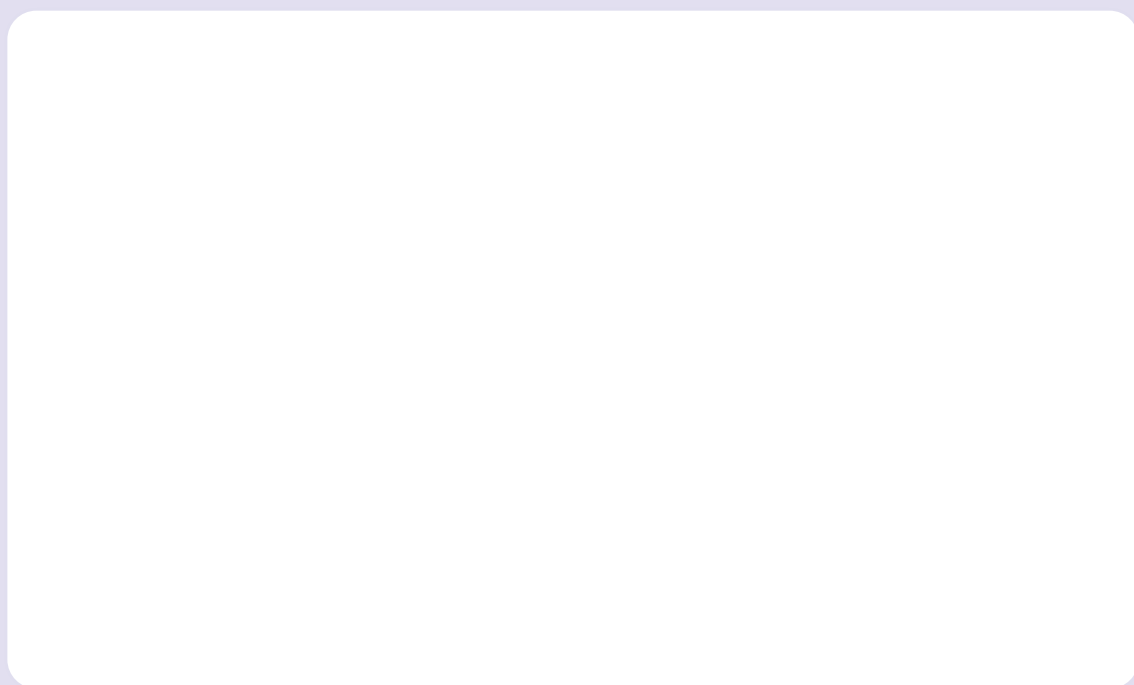
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planTEC®

REEL

Reinheimer Elektronik



Reception for you!

**Antennas and Systems for
Telematic, Mobile Communication and Navigation**

We offer our customers a wide range of high-quality planar antennas meeting all requirements of the wireless world.

The antennas are available in an extensive range of cable and connector configurations, with an adequate variety of casings also on offer. These, as well as appropriate connector cables are always available at short notice.

We offer development services for all kinds of adaptable antenna structures.



We develop and manufacture according to the latest quality standards, and have already been certified according to the new **ISO 9001:2008**.

References

TÜV Süd

Our waterproof Desk-, Window- and Magnet mounted antennas have been tested and have passed the **IP67** and **IP68** regulations.

Our Roofmount antenna has passed the **IP69K** for the built-in condition. Upon request, the cable entrance too can be waterproof to **IP69K** standard.

Luxcontrol

All our active GPS antennas have been tested according to the **EEC-Directive 72/245/EEC** and are delivered with the appropriate **e13** labeling.

All our products are produced under **RoHS** directive.

Our suppliers have been called upon to inform us if any **REACH** relevant materials have been used.



Product Service



Container Tracking Antennas, CTA

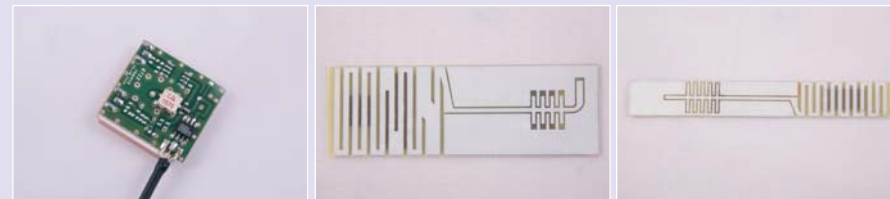
Our worldwide usable antennas for container tracking in sea containers.



This system is hidden inside the container, behind the ventilation cover and is not visible from outside. The antennas are easily mounted using magnets and can be fitted with all connectors and cable lengths. Another important advantage is the low current GPS amplifier, 3V /typ. 4mA / typ. + 18 dB gain.

Adaptable antenna structures

GPS · GSM 850/900/1800/1900 MHz · WLAN



Roof-mount antennas with up to three applications

For example: Quadband + UMTS · GPS 3V/4 mA · WLAN 2,4 GHz



Mounting possibilities for roof antennas



Roof-mount antennas in different colours



Sticker antenna for window mounting, Quadband

Indoor Housing for GPS or GSM, not waterproof



Window and desk-mount antennas – magnetic mounted



Roof mounting
Magnetic mounting
Desk mounting
Window mounting
Container tracking antennas

Quadband and UMTS
850/900/1800/1900 MHz
WLAN 2,4 + 5,3 GHz
WLAN 5,15 - 5,85 GHz
GSM - Rail
GPS Low current 3V/4mA
GPS High gain ~25dB

WIFI / Bluetooth / WLAN 2400

AMTS 824 - 894 MHz

868 MHz

ISM 433/450 MHz

WLAN 5,3 GHz

UMTS

DCS 1900

PCN 1800

Quadband

GSM 900 / 1800 MHz

DECT

Orbcom

WiMAX

IRIDIUM