

AS 47 CS – GPS Repeater System

Description:

The AS 47 CS Repeater system is the perfect solution for a good GPS signal re-radiating indoors, e.g. laboratory, production lines, repair lines, hangar/halls for airplanes or car manufacturer. The system includes all required components for GPS indoor signal re-radiating.

The repeater unit includes an integrated amplifier to transmit the incoming GPS signals over the built in Helix-antenna to any number of GPS receiving systems indoors.

The system carries the CE mark and is compliant to EU directive 1999/5/EG. In some countries a radio license may be required. If you have any questions, don't hesitate to contact us.

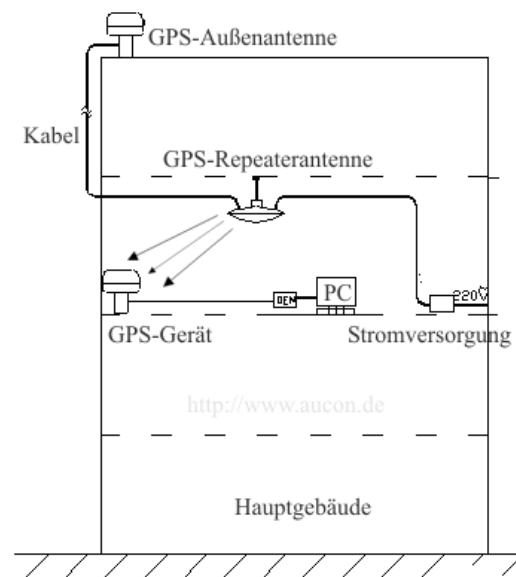


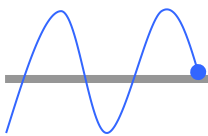
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AS 47 CS

Features:

- Complete GPS repeater kit
- For GPS signal reception indoors
- Responses to GPS L1
- 100% waterproof / weather-resistant antenna
- Up to 12 m sending range
- Sends GPS signal to any number of GPS receiver
- CE! conform





AS 47 CS – GPS Repeater System

ELECTRICAL SPECIFICATIONS

> Input/Output Impedance	50 Ω
> Frequency	1575,42 MHz
> Gain	38 – 40 dB
> SWR Input	2.0 : 1
> Polarization	R.H.C.P.
> Axial Ratio	3dB max.
> Current Consumption	55 mA +/- 3mA
> DC Input	
Transformer Input	230 V
Repeater Input	7,5 V
> Cable type	RG 58

PHYSICAL SPECIFICATIONS

> RF Connectors	
Repeater	SMA-f
Antenna	TNC-f
Cable	SMA-m / TNC-m
> Cable length	40 m
> Operating temperature	-30 to 80°C
> Dimensions	
Antenna	Ø 115 x 75 mm
Repeater (B x H x T)	80 x 80 x 90 mm
> Weight	ca. 150 g
> Mounting	
screwable	1 inch thread
clampable	
> Antenna Housing	100% waterproof

DELIVERY CONTENTS

- > Active receiver antenna
- > 40 m cable assembled
- > Repeater (transmitter)
- > Transformer 230 V / 7,5 V
- > Manual

Order Information

Please contact AuCon GmbH for information about pricing / availability.

If you have any questions, don't hesitate to contact us!

CE!

Conform



NOTES

The maximum distance from the sending antenna to the GPS-system indoor under test is about 10-12 m for the AS47. The sending range is conical form. Please ask us if you need GPS-splitters (1 in 2, 1 in 4, 1 in 8) for more than one indoor repeater. You can test as many GPS-systems as you like in the repeating range.

Only run this system with the delivered configuration. Modifying or altering the system results in expiry of the conformity and therefore must be agree by us in advance.