

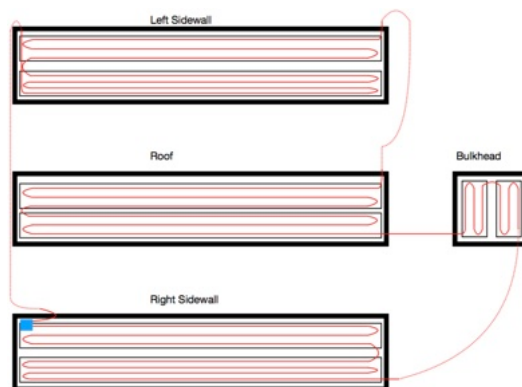
SatSENS.loop-wall

SatSENS.loop-wall is a specially developed set of panels with integrated loop cables for detecting break-ins through side walls or roofs. The plates are attached to the inside of the trailer and can thus detect if intruders cut a hole in the side walls or roof.

Due to the fact that the internal construction and dimensions of each trailer model vary, the SatSENS.loop wall must be designed according to customer requirements and on request.

In the general construction, SatSENS.loop-wall basically consists of two GRP (Glass Reinforced Plastic) strips with integrated cables that are glued to the side wall. The roof and the partition wall are also protected by two bonded GRP strips.

The special fiber optic cable used as a loop cable has the advantage that it cannot be detected by any cable/power detector and it is much lighter and more flexible than ordinary copper cables.



Technical data

GRP strips:

Dimensions	13000 x 900 x 2 mm (L x H x D) per strip
Weight	approx. 20 kg per strip
Material	GFK (Glass Reinforced Plastic)

Loop cable:

- 1mm thick glass fiber cable
- approx. 400m cable in one piece
- Distance between the loop cables approx. 22.5 to 30 cm

Highlights

- Detection of breakthroughs in the side walls and roof of trailers
- Loop strips reinforced with material in a woven composite for higher impact resistance
- Non-measurable and lightweight fiber optic cable
- No interference with mobile communications or other wireless systems
- Can be connected to SatMOS® safety tracking devices



Protection against break-ins through side panels



Customized dimensions to customer requirements



Lightweight fiber optic cables



Can be connected to devices of the SatMOS® family