PERIMETER

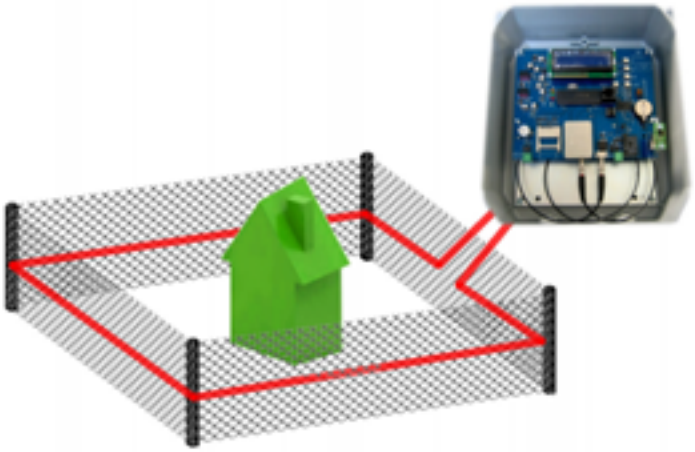
LiteFence

The perimeter protection for everyone!

Only 250 minutes to protect 250 meters?
It's easy... with LiteWire!

www.luceat.it

Microwaves and IR barriers are too expensive?
Microphonic Cable Sensors have too many false alarms?



Install the 100% false alarm free fence protection!

It will cost you half the price of a microfonic cable

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Insensitive to strong gusts of winds

LiteFence only detects real intrusion attempts because it is only triggered by deformations of the fence mesh caused by the burglar's weight (vertical movements) and not the vibrations (horizontal movements) caused by wind and rain.

Very easy to install and operate

LiteFence is quick and easy to install (1 km of fence protected in a single day) because it is mechanical; the plastic fibre is just threaded into the fence (chainlink fence) or barb wire arm (welded mesh fence) and tied in place.

50% the cost of a microphonic cable

Only 2.000 Euros (price list for 250m of protection)

Chain-link fence (not-rigid)

Welded mesh fence (rigid)

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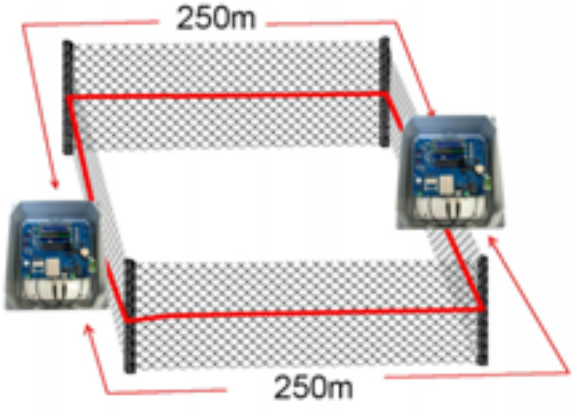
Technical specifications

Maximum distance	250m (between two devices) Up to 6km (devices in a line)
Type of signal	Optical, encoded 525nm
Type of fiber	Plastic fiber LiteWire with attenuation < 100dB
Sensitivity Level	Adjustable (4 levels)
Outputs	Alarm relay (max. 1A/240VAC)
Signals	Alarm Check of max.link length
Memorizing function	Real time clock Alarms and events (1 year)
Power	12-24VDC±10%
Consumption	3W max
Protection rate	IP55
Anti-tamper protection	Optical sensor
Operating temperature	from -40 to +85 °C

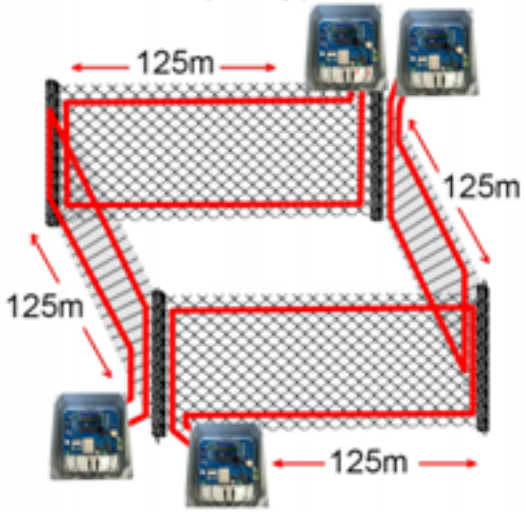
Connection Scheme

1 single fiber replaces the middle tie rod



OR

2 fibers (1 loop)



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