

# LiteSUN

## Protection for solar panels

A "thief-proof" anti-theft system?  
It's easy... with LiteSUN!

**Easy:** you connectorize it in 30s with no specific tools

**Robust:** it doesn't age or rust, and it's UV-resistant

**Cost effective:** it protects tens of modules with a single cable

**Flexible:** a 20mm bending radius guarantees resistance

**Thin:** 2,2mm diameter, it fits anywhere

**Reliable:** it completely removes false contacts

**Effective:** it's mechanical and can't be tapped or removed

**Secure:** it is impossible to bypass an optical signal



## Applications

- Photovoltaic panels
- Protection grids
- Intrusion detection systems



# LiteSUN

Protection for solar panels

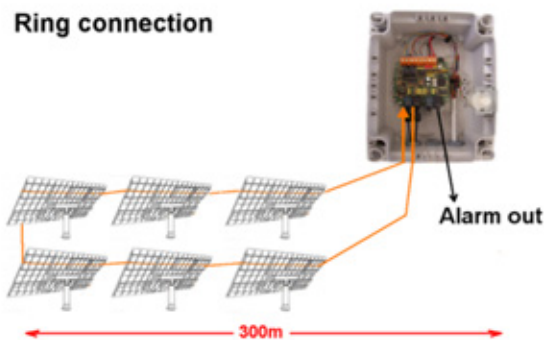
## Technical specifications



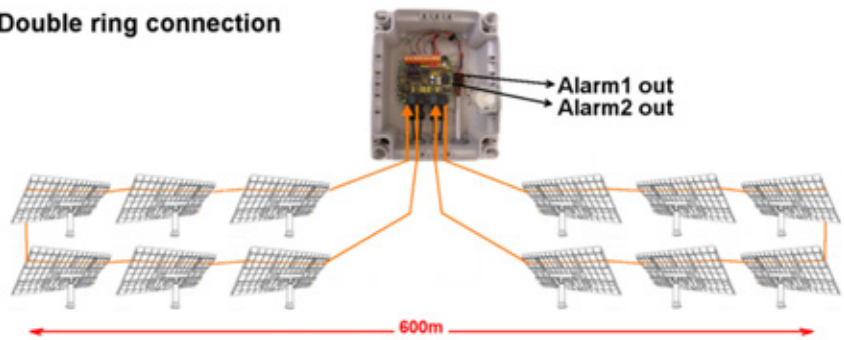
Possible configurations	Single ring transceiver Double ring transceiver Single transmitter Single receiver Double transmitter Double receiver Link repeater
Ring length	300 meters
Type of signal	Optical, encoded 525nm
Type of fiber	Plastic Fiber LiteWire with attenuation < 100dB
Input	Device test
Outputs	Alarm relay (max. 0.25A/50Vdc)
Signals	Ring status Power Test
Power	12VDC
Consumption (mA)	54 max
Protection rate	IP40 (IP65 optional)
Operating temperature	from -40 to +85 °C

## Connection scheme

Ring connection



Double ring connection



Linear connection with repeaters

