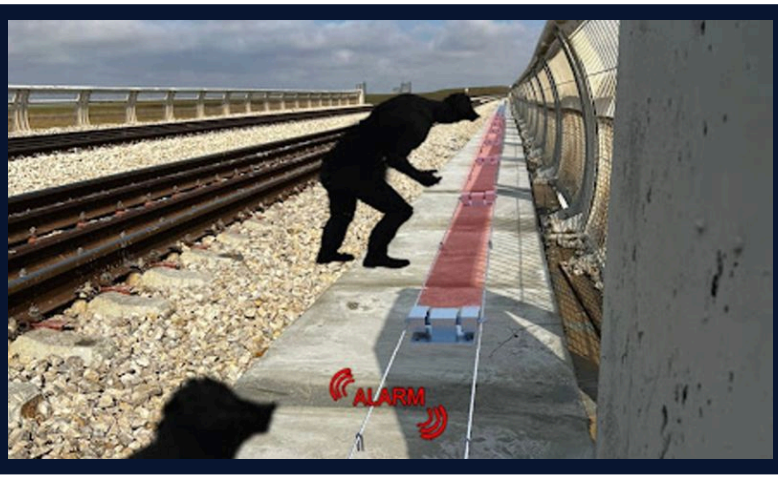
INFRASTRUCTURE · CABLE PROTECTION · PATENTED

D-Cable

L5 Layer · Critical assets

Patented sensors on clamps, troughs and cabinets raise the alarm the moment copper cable is cut, pulled or unbolted.



KEY BENEFITS

01 **Alarm at the first pull**
A cut, a pull or a lifted cover raises the alarm the moment it happens.

02 **The whole cable path, one system**
Clamps, troughs and cabinets are protected together, not by standalone devices.

03 **Made for remote sites**
Runs on solar with SMS transmission and reports to your control room or mobile.

HOW IT WORKS

01 **Sensors on the cable path**
Patented clamps on conduits, sensors on trough covers, D-Bolt anchors on cabinets.

02 **Force detected**
The strain-gauge sensor registers a cut, a pull, a lifted cover or a loosened anchor.

03 **On-site response**
The local siren and the camera are triggered at the same moment.

SPECIFICATIONS

Protected elements	Cable conduits and trays, cable troughs and covers, telecom and power cabinets
Sensing technology	D-FENCE strain-gauge pressure sensors
Detects	Cable cut, pulled or unbolted; cover lifted; cabinet opened or unbolted
Configuration	Physical protection + electronic detection, designed per site
Alarm chain	Local siren · camera · SMS alert to the control room
Power	Any power source, including solar
Communication	SMS transmission; connection to existing command and control
Cabinet sensors	D-Bolt (see the D-Bolt specifications)
Patent	Patented

04 **Control room**
The alarm reaches D-Command Control, your existing C2 or an SMS recipient.

TENDER SPECIFICATION TEXT

1. GENERAL

The system shall be D-Cable by D-FENCE Electronic Fencing and Security Systems Ltd. (ISO 9001:2015 certified quality management), or an approved equivalent that meets every requirement in this section.

2. FUNCTION

Patented sensors on clamps, troughs and cabinets raise the alarm the moment copper cable is cut, pulled or unbolted.

3. THE SYSTEM SHALL PROVIDE

- **Patented cable clamp:** Holds the conduit and senses the force on it: cutting, pulling or unbolting the run raises the alarm.
- **Trough and cover sensing:** Sensors on and under trough covers detect a lifted cover or an entry into the trough.
- **Cabinet anchoring with D-Bolt:** Sensing bolts on the cabinet anchors and door, with the sensor cable in a spring guard.
- **Alarm chain built in:** One event triggers the local siren, the camera and an SMS alert to the control room.
- **Remote-site ready:** Any power source, including solar, with SMS transmission.
- **Open integration:** Connects to your existing command and control or any device you specify.

4. TECHNICAL REQUIREMENTS

- **Protected elements:** Cable conduits and trays, cable troughs and covers, telecom and power cabinets
- **Sensing technology:** D-FENCE strain-gauge pressure sensors
- **Detects:** Cable cut, pulled or unbolted; cover lifted; cabinet opened or unbolted
- **Configuration:** Physical protection + electronic detection, designed per site
- **Alarm chain:** Local siren · camera · SMS alert to the control room
- **Power:** Any power source, including solar
- **Communication:** SMS transmission; connection to existing command and control
- **Cabinet sensors:** D-Bolt (see the D-Bolt specifications)
- **Patent:** Patented

5. DETECTION SEQUENCE

1. **Sensors on the cable path:** Patented clamps on conduits, sensors on trough covers, D-Bolt anchors on cabinets.
2. **Force detected:** The strain-gauge sensor registers a cut, a pull, a lifted cover or a loosened anchor.
3. **On-site response:** The local siren and the camera are triggered at the same moment.
4. **Control room:** The alarm reaches D-Command Control, your existing C2 or an SMS recipient.

6. SUBMITTALS

Before installation, the contractor shall submit the manufacturer's datasheet, the installation instructions and the zone layout for approval.