IDS-7000

Fiber Optic Perimeter Intrusion Detection System

For Those Who Are Serious About Security

Fiber is a hi-tech perimeter security solution that enables you to know about an intruder before he gets to you. This very effective perimeter detection technology uses fiber optic cable as the medium for detection. Any deflection in the cable is reported by the control unit.

It is often proven today that,detecting an intruder once he is in your property, is too late.

Previous methods of perimeter detection either has a low probability of detection,high nuisance alarm rate,high maintenance or high installation cost. Often most solutions available have a combination of the above problems. Alarms reported by other detection systems are often caused by the environment and regarded as false alarms.The Moduteq Fiber unit also has a unique feature to do automatic analysis of the environment. After analysis of the environment and typical alarm conditions the unitwill automatically determine detection parameters.
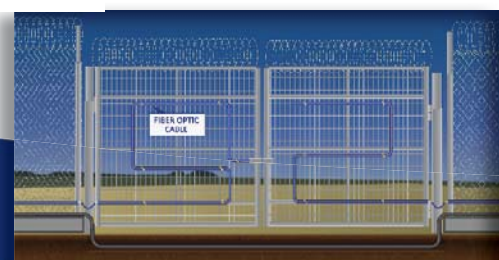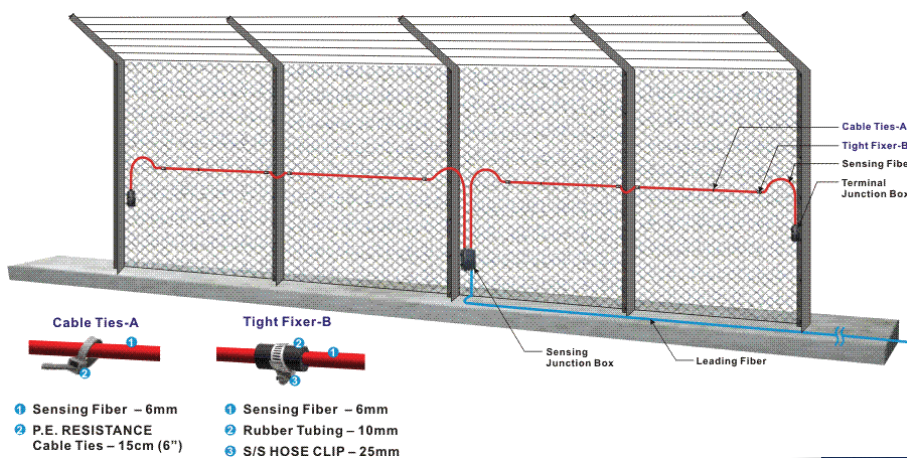
The optical fiber cable can be attached to a structure or buried in the ground to detect deflection caused by an intrusion. Configuration as simple as the press of a button!

What Does It Offer You:

- Covert detection
- Not influenced by weather conditions like wind, rain or fog.
- Detection parameters can be set to achieve the best balance between probability of detection and false alarms.
- Can be used in stand-alone or networked mode
- Can be used to protect various structures
- Low maintenance
- Easy user interface through LCD

Safeguarding Of:

- Properties
- Security Villages
- Industrial Sites
- Commercial outlets

Cable Ties-A
1 Sensing Fiber – 6mm
2 P.E. RESISTANCE Cable Ties – 15cm (6")

Tight Fixer-B
1 Sensing Fiber – 6mm
2 Rubber Tubing – 10mm
3 S/S HOSE CLIP – 25mm

Cable Ties-A
Tight Fixer-B
Sensing Fiber
Terminal Junction Box
Sensing Junction Box
Leading Fiber

Receiver
Sensor body
Transmitter
Device network

FIBER OPTIC CABLE

Applied to:

- Palisade Fencing
- Pre-fabricated Walling
- Underground
- Suitable Wire Mesh Fencing
- Under carpets and tiles

The versatility of the application of Moduteq Fiber enables this solution to be applied to protect almost any perimeter:

The Following Specifications Apply:

Detection Cable Type	Multi-mode
No.of cores	One
Termination	ST Type Couplers
Total lenght	& Max 1000m Underground
	Max 400m On a Structure
	On The Nature Of The Structure
Output (Stand-alone)	1Alarm Output, 1 Maintenance Output
User Interface	Liquid Crystal Display With Touch-buttons
Power Requirements Voltage	10-to-16 vdc
Setting Of Detection Parameters	Automatic Analysis Setup

Structure Protection

The fiber optic detection cable can be used to protect various structures (such as palisade fencing,suitable wire mesh fencing and pre-fabricated walling). Suitable structures must be rigid enough to ensure that deflections caused by environmental conditions to which the structure is exposed (such as wind), are not excessive.When attaching the detection cable to the structure to be protected,a method must be used that will ensure that:

- Relative movement between the structure and detection cable is kept to a minimum.
- Points of attachment do not introduce localized points of stress on the detection cable.
- Minimum bending radius as prescribed by the cable manufacturer is not exceeded