



Advanced Perimeter Systems (APS)

Flexiguard



Category: Detection Systems

Sub Category: Barrier Mounted Detection

Description

The system is a microphonic sensor cable using piezoelectric and triboelectric properties.



Manufacturer

Manufacturer Name: Advanced Perimeter Systems (APS)

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State/County: Stirling

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Specification

This system has been assessed over a section of Anti-Intruder Weld Mesh Fence. Two runs of sensor cable were attached, one to the top strand of the barbed wire and the other on the 21st strand from the top. The sensor cable is attached using 3 mm width black plastic cable ties every 100 mm.

The Anti-Intruder Weld Mesh Fence is built to BS 1722 Pt10 and is:

? a rolled welded mesh;

? apertures of 75 mm vertical x 25 mm horizontal and 3 mm strand thickness;

? height of the fence fabric is 2.4 m;



- ? topped with three strands of barbed wire;
 - ? overall height of 2.9 m to the top strand of barbed wire; and
 - ? each bay is 3 m in width and buried 300 mm into the ground.
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