The EcoLeak™ sensor cable detects water leaks at any point along the cable length. When used in conjunction with Eco-1 or Eco-6 zone alarm panels the cable senses the presence of a water leak, triggers an alarm and indicates the zone location of the leak. The cable is available in a variety of lengths up to 30 metres.

**SIMPLE OPERATION**

The conductive-polymer technology and fluoropolymer construction make EcoLeak sensing cable mechanically strong and resistant to corrosion and abrasion. The cable is constructed of two sensing wires embedded in a fluoropolymer carrier rod. The alarm module constantly monitors the sensing cable for continuity. The rugged cable construction exposes no metal, and enables the cable to be dried within seconds and re-used.

**CABLE CONSTRUCTION**

![Diagram of cable construction]

- Flame retardant Fluoropolymer core
- Sensing wire (black)
- Fluoropolymer core
- Sensing wire (black)

(Red & Yellow wires are unused)

**TECHNICAL INFORMATION**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breaking strength</td>
<td>Cable only: 72 kg</td>
</tr>
<tr>
<td></td>
<td>Including connectors: 32 kg</td>
</tr>
<tr>
<td>Cut-through force</td>
<td>&gt;22 kg with 0.13 mm in blade; crosshead speed 0.2 in/min</td>
</tr>
<tr>
<td>Abrasion resistance</td>
<td>&gt;65 cycles per UL 719</td>
</tr>
<tr>
<td>Maximum continuous</td>
<td>75°C</td>
</tr>
<tr>
<td>Connection</td>
<td>2 Pin, Male, Modular connector (not compatible with TraceTek 4 pin connectors)</td>
</tr>
</tbody>
</table>

Unit 30, Lawson Hunt Industrial Park, Broadbridge Heath, Horsham, West Sussex, RH12 3JR

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PRODUCT CHARACTERISTICS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable diameter</td>
<td>0.24 in (6.0 mm) nominal</td>
</tr>
<tr>
<td>Continuity and signal wires</td>
<td>2 x 26 AWG with fluoropolymer insulation</td>
</tr>
<tr>
<td>Sensing wires</td>
<td>2 x 30 AWG with conductive fluoropolymer jacket Flame retarding Fluoropolymer</td>
</tr>
<tr>
<td>Core</td>
<td></td>
</tr>
<tr>
<td>End of line resistor</td>
<td>Factory fitted (82kΩ) not extendable.</td>
</tr>
<tr>
<td>Cable weight</td>
<td>15 m length, 1 kg</td>
</tr>
<tr>
<td>Cable color</td>
<td>Black</td>
</tr>
</tbody>
</table>

PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leak size to alarm</td>
<td>50 mm (2”) maximum at any point along sensing cable (tap water)</td>
</tr>
<tr>
<td>Drying time</td>
<td>Cable dries and resets within 15 seconds of removal from standing water</td>
</tr>
<tr>
<td>Standard cleaning method</td>
<td>Wipe with clean damp cloth</td>
</tr>
</tbody>
</table>

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Catalogue number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6600 EL-SC-1</td>
<td>EcoLeak Sensing Cable - 1m</td>
</tr>
<tr>
<td>6605 EL-SC-3</td>
<td>EcoLeak Sensing Cable - 3m</td>
</tr>
<tr>
<td>6610 EL-SC-5</td>
<td>EcoLeak Sensing Cable - 5m</td>
</tr>
<tr>
<td>6615 EL-SC-10</td>
<td>EcoLeak Sensing Cable - 10m</td>
</tr>
<tr>
<td>6620 EL-SC-15</td>
<td>EcoLeak Sensing Cable - 15m</td>
</tr>
<tr>
<td>6625 EL-SC-20</td>
<td>EcoLeak Sensing Cable - 20m</td>
</tr>
<tr>
<td>6630 EL-SC-25</td>
<td>EcoLeak Sensing Cable - 25m</td>
</tr>
<tr>
<td>6635 EL-SC-30</td>
<td>EcoLeak Sensing Cable - 30m</td>
</tr>
</tbody>
</table>

Note: Bespoke lengths available to special order

ANCILLARY PRODUCTS

<table>
<thead>
<tr>
<th>Catalogue number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6124 Eco-1</td>
<td>Eco-1 Eco-1 Single zone alarm - 230Vac</td>
</tr>
<tr>
<td>6125 Eco-6</td>
<td>Eco-6 Eco-6 Six zone alarm Panel - 230Vac</td>
</tr>
<tr>
<td>6050 EL-LC-3</td>
<td>EcoLeak Leader Cable - 3m</td>
</tr>
<tr>
<td>6055 EL-LC-5</td>
<td>EcoLeak Leader Cable - 5m</td>
</tr>
<tr>
<td>6060 EL-LC-10</td>
<td>EcoLeak Leader Cable - 10m</td>
</tr>
<tr>
<td>6065 EL-LC-20</td>
<td>EcoLeak Leader Cable - 20m</td>
</tr>
<tr>
<td>6075 EL-LC-30</td>
<td>EcoLeak Leader Cable - 30m</td>
</tr>
<tr>
<td>6080 EL-LC-50</td>
<td>EcoLeak Leader Cable - 50m</td>
</tr>
</tbody>
</table>
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