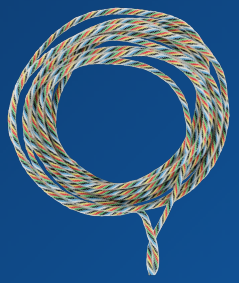
LEAK DETECTION

# Multi 8 Zone Detection Cable (V1)

Building on the success of our original Multi-8 cable, this revised version is more robust and durable.



## Overview

The unique "Multi-Zone" construction of the 8 Zone (V1) water sensitive cable allows up to eight separately reporting detection zones to be provided from one length of cable.

The zone changeover points along the cable are provided by either traditional Floodline® 8-zone junction boxes or the Plug And Play system. The zones can be any length but the usual length is between 5 and 15 metres.

The sensor can be wetted and dried any number of times provided the cable is not contaminated with a substance that permanently changes its electrical characteristics. If the contamination is soluble then the cable can be removed, washed (clean water only), dried and returned to use subject to the level of contamination.

Standards tested and met:

CPR (Construction Products Regulation) Testing

Under the harmonised European standard EN 50575 this cable has been tested for heat release, smoke production and flame spread in accordance with EN 60332-1-2:2004+A11:2016.

Tested under AVCP (Assessment and Verification of Constancy of Performance) system 3 by a notified body the cable was classified as Euroclass Eca.

## Benefits at a glance

- Robust and durable
- Allows up to 8 separately reporting detection zones
- Cable can be wetted and dried multiple times
- Variable lengths, typically between 5 and 15 metres
- Can be used for multiple applications
- Quick and easy installation

## Configurations

| | | | |
|---|---|---|---|
| **Multi 8 Zone Detection Cable (v1)**<br>Item 600084 · per m | **Multi 8 Zone Detection Cable (V1) 1M P&P**<br>Item 600201 | **Multi 8 Zone Detection Cable (V1) 2M P&P**<br>Item 600202 | **Multi 8 Zone Detection Cable (V1) 3M P&P**<br>Item 600203 |
| **Multi 8 Zone Detection Cable (V1) 4M P&P**<br>Item 600204 | **Multi 8 Zone Detection Cable (V1) 5M P&P**<br>Item 600205 | **Multi 8 Zone Detection Cable (V1) 6M P&P**<br>Item 600206 | **Multi 8 Zone Detection Cable (V1) 7M P&P**<br>Item 600207 |
| **Multi 8 Zone Detection Cable (V1) 8M P&P**<br>Item 600208 | **Multi 8 Zone Detection Cable (V1) 9M P&P**<br>Item 600209 | **Multi 8 Zone Detection Cable (V1) 10M P&P**<br>Item 600210 | **Multi 8 Zone Detection Cable (V1) 11M P&P**<br>Item 600211 |
| **Multi 8 Zone Detection Cable (V1) 12M P&P**<br>Item 600212 | **Multi 8 Zone Detection Cable (V1) 13M P&P**<br>Item 600213 | **Multi 8 Zone Detection Cable (V1) 14M P&P**<br>Item 600214 | **Multi 8 Zone Detection Cable (V1) 15M P&P**<br>Item 600215 |
| **Multi 8 Zone Detection Cable (V1) 16M P&P**<br>Item 600216 | **Multi 8 Zone Detection Cable (V1) 17M P&P**<br>Item 600217 | **Multi 8 Zone Detection Cable (V1) 18M P&P**<br>Item 600218 | **Multi 8 Zone Detection Cable (V1) 19M P&P**<br>Item 600219 |
| **Multi 8 Zone Detection Cable (V1) 20M P&P**<br>Item 600220 | **Multi 8 Zone Detection Cable (V1) 21M P&P**<br>Item 600221 | **Multi 8 Zone Detection Cable (V1) 22M P&P**<br>Item 600222 | **Multi 8 Zone Detection Cable (V1) 23M P&P**<br>Item 600223 |
| **Multi 8 Zone Detection Cable (V1) 24M P&P**<br>Item 600224 | **Multi 8 Zone Detection Cable (V1) 25M P&P**<br>Item 600225 | **Multi 8 Zone Detection Cable (V1) 26M P&P**<br>Item 600226 | **Multi 8 Zone Detection Cable (V1) 27M P&P**<br>Item 600227 |
| **Multi 8 Zone Detection Cable (V1) 28M P&P**<br>Item 600228 | **Multi 8 Zone Detection Cable (V1) 29M P&P**<br>Item 600229 | **Multi 8 Zone Detection Cable (V1) 30M P&P**<br>Item 600230 | |

## TECHNICAL INFORMATION

### APPLICATIONS

Below raised floors.

Above suspended ceilings.

Run in drip trays.

Laid around the base of plant, apparatus or tank.

Laid in loops or wave pattern for general monitoring of larger areas.

### DETECTION

Activates with any conductive liquid anywhere along the entire length of the detection cable.

Once dry can be returned to use.

### CONSTRUCTION

9 Core – HFLSF core insulation, nylon outer braid.

### DIMENSIONS

5mm diameter

### FIXING

For fixing to floor or other surface, use standard 5mm tower clips, self-adhesive clips or tie-wraps.

Detection cable is laid loosely with special caution. Tags attached at regular intervals to identify zone.

## Standards & certifications

- EN 50575
- EN 60332-1-2:2004+A11:2016