

1 Zone Detection Cable

The One Zone water leak detection cable provides a solution for highly sensitive applications



The unique construction of the One Zone water sensitive cable has 2 cores twisted around a central former, covered with a mesh outer braid. The One Zone water leak detection cable provides a solution for highly sensitive applications, particularly for being cable tied directly to the underside of pipework.

The start and end points of the cable are provided by either traditional Floodline junction boxes or the Plug And Play system. The zones can be any length but the typical length is between 5 and 15metres.

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.

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.
Attached directly to the underside of pipework.

DETECTION:

Activates with any conductive liquid anywhere along the entire length of the detection cable.
Once dry can be returned to use.

CONSTRUCTION:

2 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.

Benefits at a glance:

- Unique construction with a tough outer braid
- Variable lengths available typically between 5 - 15 metres
- Can be wetted and dried multiple times
- Quick and easy installation
- Suitable for highly sensitive applications



Authorised Distributor in Singapore

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Making water sustainable for
a cleaner and safer environment.