LEAK DETECTION

8 Zone High Sensitivity Cable

Best suited attached to the underside of pipework or soffits



Up to eight separately reporting zones from one cable

The unique "Multi-Zone" construction of the 8 Zone High Sensitivity cable allows up to eight separately reporting detection zones to be provided from one length of cable, building on the success of the original Multi-8 cable. It is more suited than the regular Multi-8 cable when attached to the underside of pipework or soffits.

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.

Reusable

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, 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

- Best suited to the underside of pipework/soffits
- Allows up to 8 separately reporting detection zones
- Various lengths available, typically 5 to 15 metres
- Can be wetted and dried multiple times
- Quick and easy installation



Floodline® 8 Zone High Sensitivity Cable — multi-zone construction with a tough nylon outer braid.

TECHNICAL INFORMATION

Applications: Attach to the underside of pipes outside the lagging; laid in drip-trays and catchment troughs; fix to soffits and ceilings to detect water ingress

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 — HSLSF core insulation, polyester fabric wrap, nylon outer braid

Dimensions: 5mm diameter

Fixing: Use standard 6mm tower clips, self-adhesive clips or tape; fix to underside of pipe with tie-wraps or tape outside the lagging; laid with special caution; tags attached at regular intervals to identify zone

Standards & certifications

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