

FLOODLINE Ranger Detection Cable

Floodline Ranger sensing cables detect the presence of water at any point along their length. Installed with a Floodline Ranger Leak Detection Module (P-LFP1), the cable senses the presence of water, triggers an alarm and pinpoints the location.

Distributed Sensing

The Floodline Ranger sensing cables provide distributed leak detection and location over a wide range of areas. The cable is available in a variety of lengths to provide as much coverage as needed.

Design Flexibility

The Floodline Ranger sensing cable is supplied with factory installed plastic connectors that plug together. The cable is designed for a range of applications, including data centre floor voids, telecommunication rooms, HVAC equipment locations, pipes, electrical rooms, storage areas, tanks and roofs. The cable is small, lightweight and flexible, allowing for easy installation. The smooth non porous design allows for quick drying.

Advanced technology

The conductive-polymer technology and fluoropolymer construction makes the Floodline Ranger sensing cable mechanically strong and resistant to corrosion and abrasion. The cable is constructed of two sensing wires, an alarm signal wire and a continuity wire 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 reused even in corrosive environments.

Technical Information

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| Breaking strength | Cable only: 160 lb(72KG). Including connectors:70 lb(32kg) |
| Cut-through force | >50lb with 0.005(>22kg with 0.13mm) in blade; crosshead speed 0.2in/min |
| Abrasion resistance | >65 cycles per UL719 |
| Maximum continuous operating temperature | 70 degree |

Performance Data

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| Leak size to alarm (tap water) | 50mm maximum at any point along sensing cable, up to 1500m maximum system length |
| Drying time | Cable dries and resets within 15 seconds after removal from standing water |
| Standard cleaning method | Wipe with clean damp cloth |

