

Merlin WLMFC

4 Core Sensing Cable with Fault Detection

(Lead Wire Not Included)



Key Features

- Identifies water presence along its entire length
- 4 core tape designed for water leak detection
- Includes fault detection, indicating incorrect wiring or faulty cable
- The WLMFC cable is compact yet robust, displaying high resistance to abrasion and corrosion
- Features a sleek design that facilitates quick drying
- Comes in factory-terminated lengths with pre-installed connectors, available in 5M, 10M, 20M, 50M & 100M
- Lead wire not included
- Used with the WLM

Product Overview

The WLM 4 core sensing cables are capable of detecting the presence of water at any point along their length. When coupled with a Merlin WLM system, the cable swiftly identifies water intrusion and activates an alarm. The 4 core cable includes fault detection, indicating incorrect wiring or a faulty cable, offered in various lengths to cater to specific coverage requirements.

Supplied with pre-installed plastic connectors that seamlessly plug together, the WLMFC sensing cable is well-suited for a diverse range of applications, including plant rooms, data center sub-floors, telecommunication rooms, HVAC equipment locations, pipes, electrical vaults, storage areas, tanks, and roofs. Its compact, lightweight, and flexible design ensures straightforward installation. Additionally, the smooth construction allows for a rapid drying process.

Sizes Available

Part Number	Length (M)	Description
WLMFC5	5	5M 4-Core Sensing Cable
WLMFC10	10	10M 4-Core Sensing Cable
WLMFC20	20	20M 4-Core Sensing Cable
WLMFC50	50	50M 4-Core Sensing Cable
WLMFC100	100	100M 4-Core Sensing Cable

Technical Specifications

Cable diameter:	6.35 (nominal)
Sensing cores:	4 x 0.05mm, coated with conductive fluoropolymer
Cut through resistance:	9kg per 25mm maximum
Bend radius:	50mm minimum
Cable weight:	113g per 305mm (nominal)
Operating environment	
Temperature:	0° to 75°C
Humidity:	5% to 95% RH, non-condensing
Altitude:	4,500m maximum