



## Key Features

UL 521 approved



Self-restorable analogue type system with optional pre-alarm setting



Cable based sensing allows detection at the point of risk



Low installation, maintenance and repair costs



Reliable solution for hazardous areas



## Overview

The standard coating used on Analogue cables is made from PVC and is suitable for most environments. However, PVC should not be used when the cables are directly exposed to UV (sunlight) or hazardous chemicals (e.g. hydrocarbons) for long periods, or for applications where they may be exposed to regular mechanical abrasion.

Where the standard PVC is not recommended other materials/sheaths are available to provide a suitable solution.

FyreLine Analogue Linear Heat Detection cable is constructed using a pair of copper conductors coated in a temperature sensitive polymer whose resistance changes as a function of temperature. A calibration resistance (white) and average ambient temperature sensor (red) core are also twisted with the two original conductors. A foil shield and protective outer coat is extruded over the twisted core.

## Tech Specs

Outer Jacket	High-Temperature Red PVC
Overall Diameter	4.57mm ± 0.075mm (0.180" ± 0.003")
Humidity	0% to 99% RH
RFI Shielding	Twisted and foil shielding to reduce inductance and RF susceptibility
Cores	Calibration Resistance: White Sensor Core: Red Conductor & Specially Doped Polymer Core: Clear Conductor & Specially Doped Polymer Core: Clear
Maximum Continuous Length	500m (1640ft)

## Tech Specs

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Minimum Continuous Length	30.5m (100ft)
Operating Temperature Range	-40°C to 125°C
Continuous Ambient Temperature Range	-40°C to 90°C

## Ordering Information

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Part Number	Description
18-210	Analogue LHD Cable, PVC, 54°C - 100°C, UL, 100m
18-211	Analogue LHD Cable, PVC, 54°C - 100°C, UL, 200m
18-212	Analogue LHD Cable, PVC, 54°C - 100°C, UL, 500m