



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

A Nylon coated cable is the common choice when hazardous hydrocarbons such as fuel oils, diesel, kerosene etc. are present. Nylon cables are coloured black and provide suitable UV protection when used in direct sunlight. Nylon is much tougher than PVC and therefore provides additional mechanical protection.

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	Black Nylon
Overall Diameter	4.57mm \pm 0.075mm (0.180" \pm 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)
Minimum Continuous Length	30.5m (100ft)

Tech Specs

Operating Temperature Range	-40°C to 125°C
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Continuous Ambient Temperature Range	-40°C to 90°C
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Ordering Information

Part Number	Description
18-220	Analogue LHD Cable, Nylon, 54°C - 100°C, 100m
18-221	Analogue LHD Cable, Nylon, 54°C - 100°C, 200m
18-222	Analogue LHD Cable, Nylon, 54°C - 100°C, 500m