



## Key Features

EN54-28:2016 approved



Up to 1,000m (3,280ft) per zone (when used with the FLDC-EN54)



Fixed sensitivity and detection along the entire length of sensor cable



UV stable and hydrocarbon resistant



UKCA & CE marked



## Overview

FyreLine EN54 Fixed Linear Heat Detection Cable is a simple, non-resettable heat detector that uses fixed temperature technology to sense changes in temperature. It is available in three temperature ratings: 68°C (red sheath), 78°C (red sheath), and 88°C (white sheath). FyreLine EN54 heat sensing cable is suitable for a wide range of applications and environments, such as tunnels, cable trays, warehousing, escalators, and other areas where the risk of fire is hidden from view.

The cable's protective outer coating is UV stable, hydrocarbon resistant, low smoke, zero halogen, oil resistant, and flame retardant, making it suitable for almost any application.

FyreLine EN54 Fixed Linear Heat Detection Cable has been approved to EN54-28:2016 in conjunction with the FyreLine EN54 Fixed Controller and FyreLine EN54 Fixed EOL.

## Tech Specs

<b>Product Type</b>	Non-resettable Line-type Heat Detector
<b>Construction</b>	Overall Insulated, Twisted Pair of Stainless Steel Cores
<b>Insulation</b>	1kV Tested Protective Outer Coatings 68°C & 78°C Outer Coating Colour: Red 88°C Outer Coating Colour: White
<b>Additional Insulation Options</b>	Stainless Steel Over-braiding Messenger Wire
<b>Approvals</b>	EN54-28:2016, CE Marked, RoHS Compliant
<b>Maximum Zone Length</b>	1,000m (3,280ft) (when used with FLDC-EN54)

## Tech Specs

Wire Overall Diameter	5.72mm (0.225in)
Minimum Bend Radius	100mm (4")
Max Voltage Rating	49V AC, 74V DC
Resistance	Approx 1.25ohms Per Metre Per Core

## Ordering Information

Part Number	Model Number	Description
18-415	FLD68-EN54	EN54 Fixed LHD Cable, Red LSZH, 68°C Alarm Temp, EN54-28, 100m
18-416	FLD68-EN54	EN54 Fixed LHD Cable, Red LSZH, 68°C Alarm Temp, EN54-28, 200m
18-417	FLD68-EN54	EN54 Fixed LHD Cable, Red LSZH, 68°C Alarm Temp, EN54-28, 500m
18-411	FLD78-EN54	EN54 Fixed LHD Cable, Red LSZH, 78°C Alarm Temp, EN54-28, 100m
18-412	FLD78-EN54	EN54 Fixed LHD Cable, Red LSZH, 78°C Alarm Temp, EN54-28, 200m
18-413	FLD78-EN54	EN54 Fixed LHD Cable, Red LSZH, 78°C Alarm Temp, EN54-28, 500m
18-421	FLD88-EN54	EN54 Fixed LHD Cable, White LSZH, 88°C Alarm Temp, EN54-28, 100m
18-422	FLD88-EN54	EN54 Fixed LHD Cable, White LSZH, 88°C Alarm Temp, EN54-28, 200m
18-423	FLD88-EN54	EN54 Fixed LHD Cable, White LSZH, 88°C Alarm Temp, EN54-28, 500m