



Key Features

Resettable after cooling



Durable PVC outer sheath



Built-in messenger wire



Rapid heat response



EN54 system compatible



Overview

The FyreLine Resettable PVC LHD Cable with Messenger Wire is a linear heat detection cable designed for reliable fire detection in industrial and outdoor environments.

The cable responds to rapid temperature rise or a defined alarm threshold and automatically resets once conditions return to normal, allowing continued operation without replacement.

A tough PVC outer sheath provides protection against moisture, dust and mechanical wear, making it suitable for harsh site conditions.

The integrated stainless steel messenger wire supports long spans and ensures secure fixing to structures such as pipe racks, conveyors and tank roofs. This construction maintains correct cable positioning, improves installation strength and delivers consistent thermal contact for fast and accurate fire detection across extended distances.

Tech Specs

Construction	Overall insulated, 4-core twisted with 100% coverage foil-shield and shield dump wire
Final Insulation	PVC
Wire Overall Diameter	4.83mm (0.190 in)
Weight	25.6
Colour	Red
Minimum Bend Radius	60mm (2.36 in)
Maximum Ambient Temperature	Dependent upon Alarm Temperature

Minimum Ambient Temperature	-40°C
Maximum Recoverable Temperature	+125°C
Continuous Operating Humidity	Ambient temperatures between -40°C to +40°C: 0% to 99% RH Ambient temperatures greater than +40°C: 0% to 75% RH
Minimum Zone Length	Class A1l/A2l and 54°C alarm settings: 50m/164ft All other alarm settings: 30m/100ft
Maximum Zone Length	500m/1640ft
EN54-22 Environmental Group	II
White Core Resistance Per Metre	Approx 17 Ω /m
Red Core Resistance Per Metre	Approx 3.3 Ω /m
Clear Core Resistance Per Metre	Approx 0.1 Ω /m

Ordering Information

Part Number	Product Description
18-513	FyreLine Resettable LHD Cable, PVC, Messenger Wire, 54°C to 100°C, 100m
18-514	FyreLine Resettable LHD Cable, PVC, Messenger Wire, 54°C to 100°C, 250m
18-515	FyreLine Resettable LHD Cable, PVC, Messenger Wire, 54°C to 100°C, 500m

Ordering Information

Part Number	Model Number	Product Description
18-520	FLR100-NYL	FyreLine Resettable LHD Cable, Nylon, 54°C to 100°C, 100m
18-521	FLR100-NYL	FyreLine Resettable LHD Cable, Nylon, 54°C to 100°C, 250m
18-522	FLR100-NYL	FyreLine Resettable LHD Cable, Nylon, 54°C to 100°C, 500m