

Linear Heat Sensing Cables

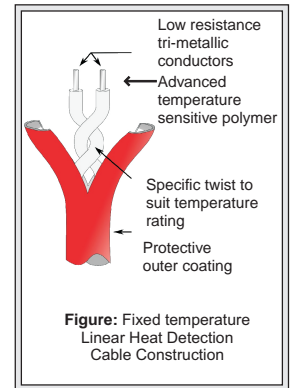
Digital and Analogue

Digital Linear Heat Sensing Cables

System Sensor Fixed Temperature Linear Heat Detection Cable consists of a twisted pair of extremely low resistance (.05 Ohm/ft. of twisted pair) tri-metallic conductors, sheathed in new advanced thermal polymers. These polymers are chemically engineered to breakdown at specific fixed temperatures allowing the twisted conductors to make contact and initiate an alarm at the control panel without any calibration for changes in ambient temperatures.

The factor in determining which detection temperature wire to use is the maximum ambient temperature of the hazard area or equipment to be protected. The proper temperature model must be selected to provide the fastest alarm response to a potential fire condition without creating false alarm conditions. In the selection process its critical to consider the hazard areas highest potential ambient temperature.

Digital Cable Std. Roll Length – 100 Mtr / 500 Mtr / 1000Mtr.
* Options available for Nylon insulation and steel braiding



Specifications

Part Code	Specification	Approval
SS-LD-68-155	Digital Linear Heat Detector (68°C),	UL , FM
SS-LD-78-172	Digital Linear Heat Detector (78°C),	UL , FM
SS-LD-88-190	Digital Linear Heat Detector (88°C),	UL , FM
SS-LD-105-221	Digital Linear Heat Detector (105°C),	UL , FM
SS-LDN-68-155	Digital Linear Heat Detector (68°C), with Nylon Extrusion	UL , FM
SS-LDN-78-172	Digital Linear Heat Detector (78°C), with Nylon Extrusion	UL , FM
SS-LDN-88-190	Digital Linear Heat Detector (88°C) , with Nylon Extrusion	UL , FM
SS-LDN-105-221	Digital Linear Heat Detector (105°C),with Nylon Extrusion	UL , FM
SS-APDL	Alarm Point Distance Locator, FM Listed	FM
887/EOL	End Of Line Box for Digital Liner Heat Detector	UL
887/M	PC Modulator for Digital Linear Heat Detector	UL

Analogue

A co-axial cable which exerts a defined change in electrical resistance of internal polymers when subjected to changes in surface temperatures. System monitoring through an associated electronic interface unit provides fault indication of open and short circuit conditions on the sensor cable.

Specifications

Part Code	Specification	Approval
JTW-LD-997+	Analogue Linear Heat Detector (Restorable)	UL
997/M+	PC Modulator for Analog Linear Heat Detector	UL
997/EOL+	EOL Box for Analog Linear Heat Detector	UL
JTW-LCD-998+	Rate-Of-Rise and Fixed Temperature Intelligent Linear Heat Detector (Restorable)	UL
998/M+	PC Modulator for Rate-Of-Rise and Fixed Temperature Intelligent Linear Heat Detector	UL
998/EOL+	EOL Box for Rate-Of-Rise and Fixed Temperature Intelligent Linear Heat Detector	UL
MB+	Connecting Box	CCCF

Analogue Cable Std. Roll Length – 200 Mtr.