



UV AND CHEMICAL RESISTANT FIXED-TEMPERATURE LHD CABLE

Linear heat detection cable reference

5 orderable sizes

STANDARD Linear heat detection cable reference	TEMPERATURE CLASS 68 °C / 154 F, 78 °C / 172 F, 88 °C / 190 F, 105 °C / 221 F, 138 °C / 280 F	CONDUCTOR Two low-resistance steel spring conductors separated by heat-sensitive polymer
INSULATION / JACKET Nylon protective outer jacket		

Construction

- 1 Conductor (per core) – Two low-resistance steel spring conductors separated by heat-sensitive polymer
- 2 Core insulation – Heat-sensitive polymer sensor layer
- 3 Filler – PP filler
- 4 Sheath – Nylon protective outer jacket

Size selection — all available cross-sections

Cable reference	Alarm temperature	Detector type	Sensor construction	Jacket material	Protection	Environment	Controller interface	Zone length guide	OD guide
Fixed temperature nylon LHD cable 68 °C / 154 F Nylon protective outer jacket	68 °C / 154 F	Digital fixed-temperature linear heat detector	Two low-resistance steel spring conductors separated by heat-sensitive polymer	Nylon protective outer jacket	Abrasion, UV and chemical resistant outer jacket	Outdoor plant, conveyors, cable trays, cooling towers and moisture-exposed routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	4.7 mm
Fixed temperature nylon LHD cable 78 °C / 172 F Nylon protective outer jacket	78 °C / 172 F	Digital fixed-temperature linear heat detector	Two low-resistance steel spring conductors separated by heat-sensitive polymer	Nylon protective outer jacket	Abrasion, UV and chemical resistant outer jacket	Outdoor plant, conveyors, cable trays, cooling towers and moisture-exposed routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	4.7 mm
Fixed temperature nylon LHD cable 88 °C / 190 F Nylon protective outer jacket	88 °C / 190 F	Digital fixed-temperature linear heat detector	Two low-resistance steel spring conductors separated by heat-sensitive polymer	Nylon protective outer jacket	Abrasion, UV and chemical resistant outer jacket	Outdoor plant, conveyors, cable trays, cooling towers and moisture-exposed routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	4.7 mm
Fixed temperature nylon LHD cable 105 °C / 221 F Nylon	105 °C / 221 F	Digital fixed-temperature	Two low-resistance steel spring	Nylon protective	Abrasion, UV and chemical	Outdoor plant, conveyors,	Compatible with conventional	Up to 300 m per	4.7 mm

Cable reference	Alarm temperature	Detector type	Sensor construction	Jacket material	Protection	Environment	Controller interface	Zone length guide	OD guide
protective outer jacket		linear heat detector	conductors separated by heat-sensitive polymer	outer jacket	resistant outer jacket	cable trays, cooling towers and moisture-exposed routes	fire alarm input or addressable monitor module	monitored zone	
Fixed temperature nylon LHD cable 138 °C / 280 F Nylon protective outer jacket	138 °C / 280 F	Digital fixed-temperature linear heat detector	Two low-resistance steel spring conductors separated by heat-sensitive polymer	Nylon protective outer jacket	Abrasion, UV and chemical resistant outer jacket	Outdoor plant, conveyors, cable trays, cooling towers and moisture-exposed routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	4.7 mm