



DIGITAL 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 PVC 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 **Shield** – Braid shield (C)
- 5 **Sheath** – PVC 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 PVC LHD cable 68 °C / 154 F PVC outer jacket	68 °C / 154 F	Digital fixed-temperature linear heat detector	Two low-resistance steel spring conductors separated by heat-sensitive polymer	PVC outer jacket	Standard smooth jacket without metallic braid	Indoor cable trays, warehouses, machinery rooms and general fire-risk routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 500 m per monitored zone	6.2 mm
Fixed temperature PVC LHD cable 78 °C / 172 F PVC outer jacket	78 °C / 172 F	Digital fixed-temperature linear heat detector	Two low-resistance steel spring conductors separated by heat-sensitive polymer	PVC outer jacket	Standard smooth jacket without metallic braid	Indoor cable trays, warehouses, machinery rooms and general fire-risk routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 500 m per monitored zone	6.2 mm
Fixed temperature PVC LHD cable 88 °C / 190 F PVC outer jacket	88 °C / 190 F	Digital fixed-temperature linear heat detector	Two low-resistance steel spring conductors separated by heat-sensitive polymer	PVC outer jacket	Standard smooth jacket without metallic braid	Indoor cable trays, warehouses, machinery rooms and general fire-risk routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 500 m per monitored zone	6.2 mm
Fixed temperature PVC LHD cable 105 °C / 221 F	105 °C / 221 F	Digital fixed-temperature	Two low-resistance steel spring	PVC outer jacket	Standard smooth jacket	Indoor cable trays,	Compatible with conventional	Up to 500 m per	6.2 mm

Cable reference	Alarm temperature	Detector type	Sensor construction	Jacket material	Protection	Environment	Controller interface	Zone Length guide	OD guide
221 F PVC outer jacket		linear heat detector	conductors separated by heat-sensitive polymer		without metallic braid	warehouses, machinery rooms and general fire-risk routes	fire alarm input or addressable monitor module	monitored zone	
Fixed temperature PVC LHD cable 138 °C / 280 F PVC outer jacket	138 °C / 280 F	Digital fixed-temperature linear heat detector	Two low-resistance steel spring conductors separated by heat-sensitive polymer	PVC outer jacket	Standard smooth jacket without metallic braid	Indoor cable trays, warehouses, machinery rooms and general fire-risk routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 500 m per monitored zone	6.2 mm