



MECHANICALLY PROTECTED LHD CABLE

Linear heat detection cable reference

5 orderable sizes

STANDARD Linear heat detection cable reference	TEMPERATURE CLASS 68 °C / 154 F, 88 °C / 190 F, 105 °C / 221 F, 138 °C / 280 F, 180 °C / 356 F	CONDUCTOR Two low-resistance spring conductors with heat-sensitive polymer detection layer
INSULATION / JACKET PVC or nylon jacket under stainless steel overbraid		

Construction

- 1 **Conductor (per core)** – Two low-resistance spring conductors with heat-sensitive polymer detection layer
- 2 **Core insulation** – Heat-sensitive polymer sensor layer
- 3 **Filler** – PP filler
- 4 **Shield** – Braid shield (C)
- 5 **Sheath** – PVC or nylon jacket under stainless steel overbraid

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
Stainless steel braided LHD cable 68 °C / 154 F or nylon jacket under stainless steel overbraid	68 °C / 154 F	Digital fixed-temperature linear heat detector	Two low-resistance spring conductors with heat-sensitive polymer detection layer	PVC or nylon jacket under stainless steel overbraid	Stainless steel overbraid mechanical protection	Conveyors, escalators, tunnels, machinery guards and abrasive fire-risk routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	6.4 mm
Stainless steel braided LHD cable 88 °C / 190 F or nylon jacket under stainless steel overbraid	88 °C / 190 F	Digital fixed-temperature linear heat detector	Two low-resistance spring conductors with heat-sensitive polymer detection layer	PVC or nylon jacket under stainless steel overbraid	Stainless steel overbraid mechanical protection	Conveyors, escalators, tunnels, machinery guards and abrasive fire-risk routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	6.4 mm
Stainless steel braided LHD cable 105 °C / 221 F or nylon jacket under stainless steel overbraid	105 °C / 221 F	Digital fixed-temperature linear heat detector	Two low-resistance spring conductors with heat-sensitive polymer detection layer	PVC or nylon jacket under stainless steel overbraid	Stainless steel overbraid mechanical protection	Conveyors, escalators, tunnels, machinery guards and abrasive fire-risk routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	6.4 mm
Stainless steel braided LHD cable 138 °C / 280 F or nylon jacket under stainless steel overbraid	138 °C / 280 F	Digital fixed-temperature linear heat detector	Two low-resistance spring conductors with heat-sensitive polymer detection layer	PVC or nylon jacket under stainless steel overbraid	Stainless steel overbraid mechanical protection	Conveyors, escalators, tunnels, machinery guards and abrasive fire-risk routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	6.4 mm

Cable reference	Alarm temperature	Detector type	Sensor construction	Jacket material	Protection	Environment	Controller interface	Zone length guide	OD guide
nylon jacket under stainless steel overbraid		linear heat detector	conductors with heat-sensitive polymer detection layer	under stainless steel overbraid	mechanical protection	machinery guards and abrasive fire-risk routes	fire alarm input or addressable monitor module	monitored zone	
Stainless steel braided LHD cable 180 °C / 356 F PVC or nylon jacket under stainless steel overbraid	180 °C / 356 F	Digital fixed-temperature linear heat detector	Two low-resistance spring conductors with heat-sensitive polymer detection layer	PVC or nylon jacket under stainless steel overbraid	Stainless steel overbraid mechanical protection	Conveyors, escalators, tunnels, machinery guards and abrasive fire-risk routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	6.4 mm