



CHEMICAL AND HIGH-TEMPERATURE LHD CABLE

Linear heat detection cable reference

4 orderable sizes

STANDARD Linear heat detection cable reference	TEMPERATURE CLASS 138 °C / 280 F, 180 °C / 356 F, 220 °C / 428 F, 240 °C / 464 F	CONDUCTOR High-temperature spring conductor pair with heat-sensitive polymer detection layer
INSULATION / JACKET Fluoropolymer FEP outer jacket		

Construction

- 1 **Conductor (per core)** – High-temperature spring conductor pair with heat-sensitive polymer detection layer
- 2 **Core insulation** – Heat-sensitive polymer sensor layer
- 3 **Filler** – PP filler
- 4 **Sheath** – Fluoropolymer FEP 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
Fluoropolymer high temperature LHD cable 138 °C / 280 F Fluoropolymer FEP outer jacket	138 °C / 280 F	Digital fixed-temperature linear heat detector	High-temperature spring conductor pair with heat-sensitive polymer detection layer	Fluoropolymer FEP outer jacket	Chemical, oil and high-temperature resistant jacket	Chemical process lines, paint booths, engine rooms and harsh industrial routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	4.9 mm
Fluoropolymer high temperature LHD cable 180 °C / 356 F Fluoropolymer FEP outer jacket	180 °C / 356 F	Digital fixed-temperature linear heat detector	High-temperature spring conductor pair with heat-sensitive polymer detection layer	Fluoropolymer FEP outer jacket	Chemical, oil and high-temperature resistant jacket	Chemical process lines, paint booths, engine rooms and harsh industrial routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	4.9 mm
Fluoropolymer high temperature LHD cable 220 °C / 428 F Fluoropolymer FEP outer jacket	220 °C / 428 F	Digital fixed-temperature linear heat detector	High-temperature spring conductor pair with heat-sensitive polymer detection layer	Fluoropolymer FEP outer jacket	Chemical, oil and high-temperature resistant jacket	Chemical process lines, paint booths, engine rooms and harsh industrial routes	Compatible with conventional fire alarm input or addressable monitor module	Up to 300 m per monitored zone	4.9 mm
Fluoropolymer high temperature LHD cable 240 °C / 464 F Fluoropolymer FEP outer jacket	240 °C / 464 F	Digital fixed-temperature linear heat detector	High-temperature spring conductor pair with	Fluoropolymer FEP outer jacket	Chemical, oil and high-temperature	Chemical process lines, paint booths,	Compatible with conventional fire alarm input or	Up to 300 m per monitored zone	4.9 mm

Cable reference	Alarm temperature	Detector type	Sensor construction	Jacket material	Protection	Environment	Controller interface	Zone length guide	OD guide
			heat-sensitive polymer detection layer		resistant jacket	engine rooms and harsh industrial routes	addressable monitor module		