

FIREPLUS DIGITAL LINEAR HEAT DETECTION CABLES



MADE IN ENGLAND

FirePlus LHD Digital Linear Heat Detection cable
Part Number LHD-68-P, LHD-88-P, LHD-105-P, LHD-185-N

DIGITAL LINEAR HEAT DETECTION CABLES

- ▶ Detection Temperature: 68°C (PVC Coated), 88°C (PVC Coated), 105°C (PVC Coated), 185°C (Nylon outer)
- ▶ Maximum ambient temperatures for effective operations: for the 68°C cable (45°C), for the 88°C cable (65°C), for the 105°C cable (65°C), for the 185°C cable (125°C)
- ▶ Minimum ambient temperatures for effective operations: -40°C All cables
- ▶ Humidity: 0% to 100% RH
- ▶ Reel sizes: Available in 50m, 100m, 500m and 1000m Reels
- ▶ Detection: Detection along the entire length of sensor cable. Up to 3000m per zone
- ▶ Maximum Voltage: 30Vac, 42Vdc
- ▶ Resistance: ~100 /km per leg
- ▶ Velocity of Propagation: ~55%
- ▶ Capacitance: 88 -150 pF/m
- ▶ Inductance: 540 – 1050 nH/m
- ▶ Minimum bend radius: 50 mm
- ▶ Material: Overall insulated, twisted pair of tri-metallic cores
- ▶ Insulation: 1kV tested protective outer coat
- ▶ Additional Insulation Options: Nylon, Polypropylene or Stainless-Steel braiding



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DIGITAL INTERFACE UNIT

- ▶ Digital Interface unit available to Pinpoint the exact location of an incident and respond immediately.
- ▶ Simultaneously monitor up to two independent zones.
- ▶ Volt Free Outputs for fault and alarm on each zone.
- ▶ Built-in sounder.
- ▶ Made in England, 3-year warranty
- ▶ UL Listed
- ▶ Connects to all our addressable fire detection panels

LHD CABLES ORDER CODES

	Part Code
FirePlus-LHD Digital Linear Heat Detection cable 68°C PVC Coated- UL Listed.	LHD-68-P
FirePlus-LHD Digital Linear Heat Detection cable 88°C PVC Coated-UL Listed.	LHD-88-P
FirePlus-LHD Digital Linear Heat Detection cable 105°C PVC Coated- UL Listed.	LHD-105-P
FirePlus-LHD Digital Linear Heat Detection cable 185°C Nylon outer sheath- UL Listed.	LHD-185-N
FirePlus-LHD Digital Interface Unit - UL Listed.	LHD-DIU
LHD Junction/EOL Box Polycarbonate w/5 DIN Rail mounted terminals & 2 cable glands	LHD-JP-5T
FirePlus-LHD Digital One or two zone digital LHD end-of-line box with test facility	LHD-EOL
Standard L-Clip (50mm) Zintec inc Silicone pad- PACK OF 100	L-Clip-50-Z
110°C constant rated indoor/outdoor tie wrap- PACK OF 100	TW-110

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