



# ALANKAR

CABLE INDUSTRIES ● ● ●

DATA SHEET Digital Linear Heat Sensing Cable Part no. ACI – LHS – 88-190



## 1. Characteristics

UL Listed.  
Environment Friendly Construction.  
Earliest Detection at Alarm temperature  
Compatible with most existing  
Monitors and Control Equipment  
Configurable for Intrinsically Safe  
Hazardous Areas

## 2. Description:

Linear Heat Sensing (Detection) cable of Alarm  
Temperature of 88 Deg C/190 Fahrenheit,  
Two cores, Tri-metallic conductor, Heat Sensitive  
Insulation and halogen free polyolefin  
(LSZH) sheathed Cable.  
The Alankar Digital Linear Heat Sensing  
Cable provides Instant information to  
The Alarm Panel in case of  
Temperature Increase Along the cable length

## 3. Recommend for Following Projects:-

Coal, Wood, Sulphur Conveyors  
Electrical Cabinets Control & Switchgear  
Oil Rigs & off Shore Platforms  
Trace Heating Faults  
Rail Vehicle Engine, Pantry & Compartments  
Warehouse Pallet Racking  
under Floor Cable Voids  
Computer Room & Data Canter etc.

**Landline: - 011-41513197 Mobile no:-9810003197**

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Linear Heat Sensing Cable

## Data Sheet ACI-LHS-88- 190

### 4. Cable Construction

The Alankar Digital LHDC Comprises of a twisted pair twin core cable. Each core is of tinned copper coated Spring steel and has an Polymer insulation. The Cable has an overall Halogen free (LSZH) Protective jacket sheath



### 5. Specifications

Part no:- ACI- LHS -88- 190

Number of Cores: 2

Alarm Temperature: 88°C

Max Ambient Temperature: 70°C

Minimum Operating Temperature: (-) 40°C

Operation Voltage: 24V

Voltage Rating Withstand Up to 100v Dc

Twin Conductor (Two Core Twisted Together).

Conductor Material Tin Coated, Copper Clad Steel.

Insulation Negative Temperature Coefficient Polymer

Response Time: Approx. 4 Seconds.

Conductor Diameter 0.9mm.

Max Conductor Resistance 100 ohm / Km

Minimum Installation Temperature: -10°C

Outer Sheath: - Halogen Free Polymer/LSZH

Outer Diameter: 3.5 to 4.5 mm

Weight: Standard cable - 1km on the reel 21kg (approx.)

### Ordering Information:-

Description	Part Number
LHS 88	ACI -LHS-88- 190

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