

## Accessories

### Fixings and clips for use with Linear Heat Detection.

Inadequate sensor cable support and/or incorrect installation positioning in relation to the identified risk can lead to a reduction in protection or even a total loss of detection capability. With this in mind Fire Buys sourced a range of suitable installation fixings. This page contains a selection of those that provide firm support (without damage to the sensor cables), cover a broad range of applications, and consider the importance associated with correct sensor cable location. They also have a proven track record with all types of linear detection systems within the most adverse of environmental conditions.

### Spacings

As a guide to installation, sensor cable clips/supports should not be spaced more than 1.5m apart. This will help prevent sensor cable sag and minimize the risk of mechanical damage.

When linear heat detection is used for space protection remember that to comply with Australian Standards the minimum distance from sensor cable should be no less than 15mm or more than 100mm from roof or ceiling.



### Beam Clamp

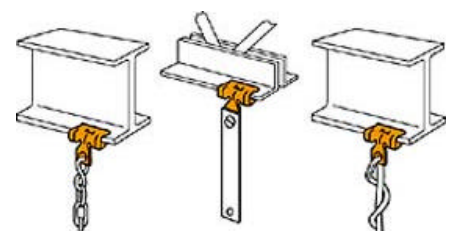
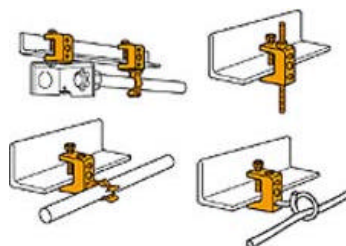
The Beam Clamp provides firm yet flexible support for heat sensor cables for a diverse range of applications and installations. The flexibility being achieved by selection of the most appropriate "tie" or sub clip assembly to meet the risk requirements



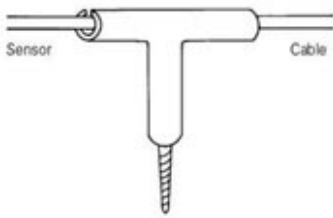
Fig. 1

### Edge Clip

The Edge Clip offers firm support of heat sensor cables, and ensures a clear airflow is present between the sensor and the structure to which it is being fixed. Thereby ensuring any "heat sink" effect from the structure does not reduce the linear detection system sensitivity. A range of clips to accommodate structure thickness of between 3 mm and 20 mm is available. Please specify when ordering. Note - part number quoted refers to clip suitable for use with material edge thickness in 3-8mm range.



**T' Clip**

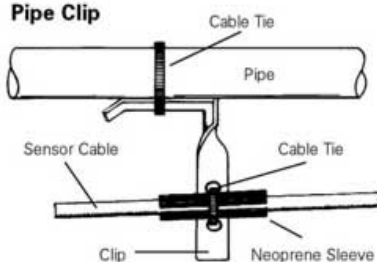


### “T” Clip

Designed for use with Linear heat detection sensor cables in light industrial and commercial applications. Providing the all important "stand-off" from heat absorbent surfaces.

Manufactured from type RMBC18 - High Density Polyethylene (HDPE) material

**Pipe Clip**



### Pipe Clips

Pipe Clips provide the most effective method by which linear heat sensor cable can be suspended from say typically sprinkler pipework - as in transformer protection. Cable ties are employed for securing the clip to the pipe and the sensor cable to the clip.

Neoprene sleeves are also available in 20mmx20mmx0.8mm sizes.



### Traditional cable clip.

Suitable for roof spaces or similar where simple installation is required. Be careful though, one miss with a hammer and you could damage the cable.



### Steel Plated Sensor Cable Clamp

Light to medium duty steel cable clamp

Santoprene cushion for electrical insulation and vibration absorption

Santoprene meets specification MIL R-3065 and AMS-3209



### Stainless steel catenary cable

For special applications such as road or rail tunnels, inaccessible roof spaces, the best secure fixing is to utilise stainless steel cable with fixings 15m apart. The LHD is simply fixed to the catenary at 1.5m spacings with cable ties and optional neoprene sleeve.