



Linear Heat Detection (LHD) Application Bulletin

AUTOMOBILE TUNNEL DETECTION

Automobile Tunnel Applications

When creating a ThermoCable™ design for tunnels, keep in mind that a single zone of ThermoCable™ can extend up to 10,000 feet. As seen in the diagram below, in most cases, the detection wire is installed on the ceilings over the traffic areas. A complete design would include coverage of not just the traffic areas but also equipment and mechanical rooms, tray runs and tunnel ventilating systems. Figure 1 illustrates a simple tunnel application. With a maximum of 10,000 feet of ThermoCable™ per zone, a wide number of variations are possible for different installation configurations.

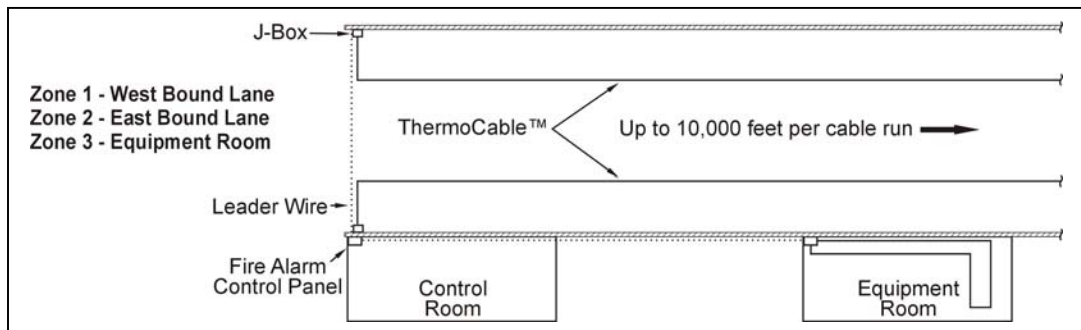


Figure 1

These notes are to be used as general guidelines for installing ThermoCable™ linear heat detection (LHD) wire. Please be sure to check all local and state codes prior to designing and installing a system. It is advisable to contact the local AHJ in the planning stages of a project.

SAFE Fire Detection Inc.
5915 Stockbridge Dr.
Monroe, NC 28110
Phone: (704) 821-7920
Fax: (704) 821-4327
Website: www.safefiredetection.com
E-mail: staff@safefiredetection.com

