

www.safefiredetection.com



Custom Installation Supplies

LINEAR HEAT INSTALLATION MATERIALS





ABOUT US

Traditionally the fire industry has adapted off the shelf installation materials to install air sampling smoke and linear heat detection systems. At the request of a manufacturer and with their assistance, RedGear evaluated the installation materials for these systems, and with the assistance of the installers redesigned new, more practical installation supplies made specifically for these systems.

RedGear's new simple designs combine the best of the old with the new by eliminating the need to use multiple parts for a single mount. This results in parts that are faster and easier to install at a significantly lower cost from a single source.



MADE IN THE U.S.A

RedGear is bringing back jobs to the United States of America. We engineer, build and deliver directly from our manufacturing facility in North Carolina. We combine complex specialty chemicals to optimize the quality and performance of all of our accessories and Pipe fittings.

- Affordable
- Easy to Use
- Reliable
- Single Source



CUSTOM DESIGNED FOR THE FIRE INDUSTRY

- Fire Resistant
- UL Listed
- Lowest Cost Guaranteed
- Pipe is Approved Plenum Spaces
- Meets NFPA Standards
- Designed, Built and Shipped from North Carolina, USA











RedGear, LHD Supplies

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RedPipe Air Sampling

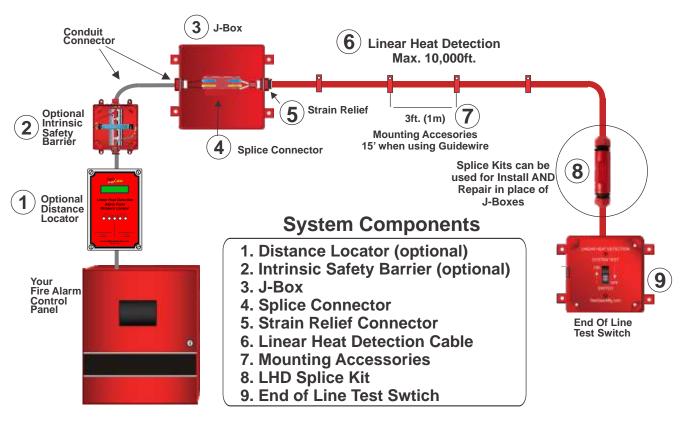
Air Sampling Installation Supplies	19-22
System Example	
RedPipe Air Sampling Pipe	
Pipe Clip Hangers	20
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Capillary Kit	
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5915 Stockbridge Dr. • Monroe, NC 28110 Tel: 704-821-7920 • Fax: 704-821-4327

RedGear Linear Heat Detection System Examples:

Typical System Example

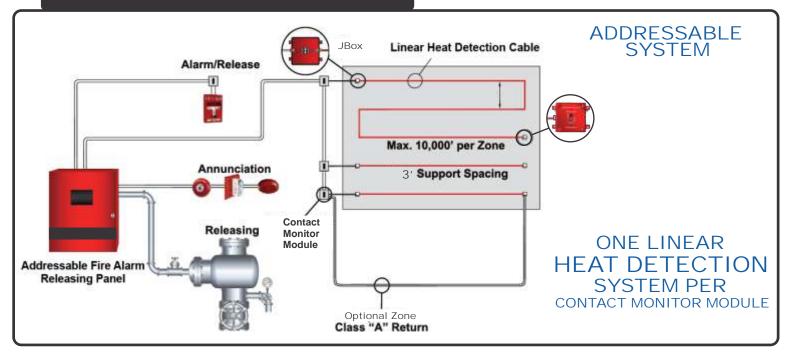




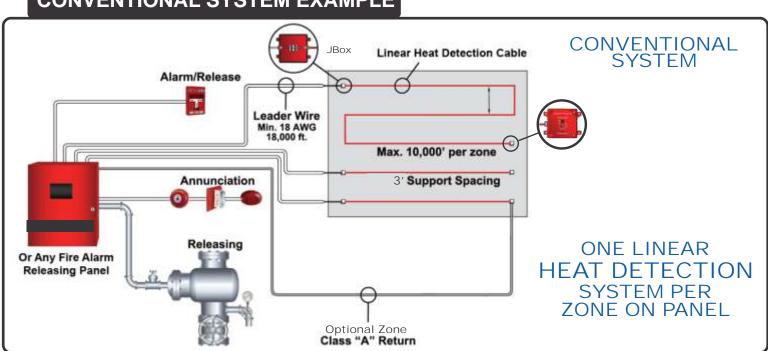
For More Information on Linear Heat Detection Systems Visit: www.safefiredetection.com

or Call 704-821-7920

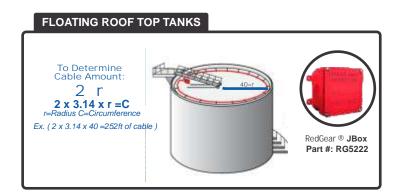
ADDRESSABLE SYSTEM EXAMPLE

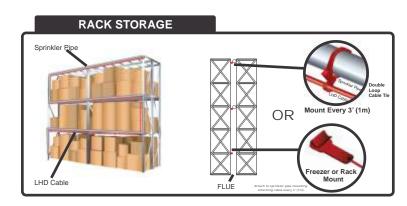


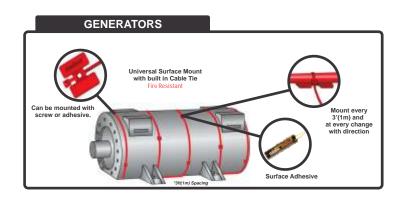
CONVENTIONAL SYSTEM EXAMPLE

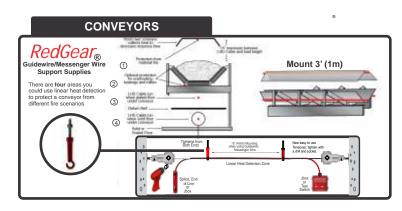


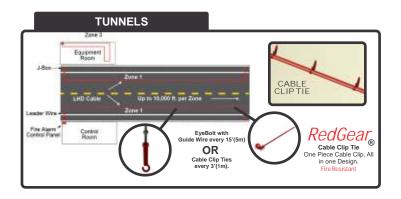
APPLICATION EXAMPLES

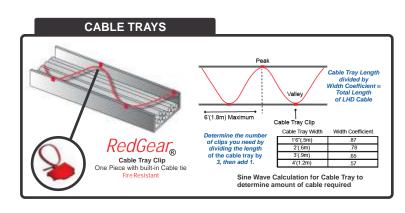














Don't See Your Application Listed? Visit: www.safefiredetection.com

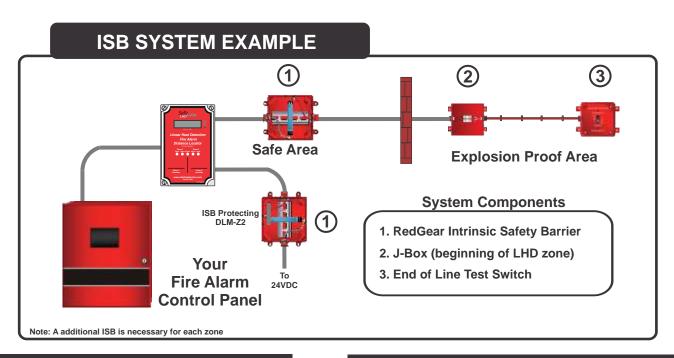
Call 704-821-7920
To See How We Can Help Protect Your Project

INSTALLATION SUPPLIES

ISB MODULE

Intrinsic Safety Barriers for Explosive and Hazardous Areas





PRE-ASSEMBLED INTRINSIC SAFETY BARRIER



RedGear Conventional Intrinsic Safety **Barrier** Part #: RG5224



RedGear Addressable Intrinsic Safety **Barrier** Part #: RG5225



RedGear **Distance Locating** Intrinsic Safety **Barrier** Part #: RG5227

REPLACEMENT SAFETY BARRIERS

CONVENTIONAL







Intrinsic **Safety Barrier**





Intrinsic **Safety Barrier** Part #: RS5227P01

Note: Intrinsic Safety Barriers are non-restorable. Once activated the Barrier will need to be replaced

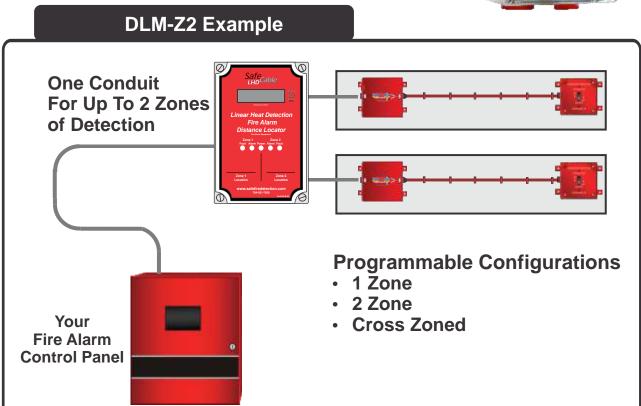
Part #: RS7122

^{*}replaces Conventional or Addressable ISBs when Using Distance Locating

DISTANCE LOCATOR

Find The Location of Your Fire Event Can Be Used as a One Zone, Two Zone Or Cross-Zoned Systems





DLM-Z2 DISTANCE LOCATOR

Dimensions (W x H x D): H7.1in x W4.72in x D2.38in		
	(H180mm x W120mm x D60.5mm)	
Weight:	1 lb. (0.45kg)	
Operating Temperature:	-4°F - +122°F(-20°C - +50°C)	
Power Requirements:	Normal Operation: 8mA @ 24VDC	
	Alarm Point Locating: 28mA @24VDC	
Systems:	Addressable or Conventional	
Enclosure:	NEMA 4x	
Max. LHD length:	10,000 ft. (3,000m)	

DLM-Z2 DISTANCE LOCATOR



RedGear Distance Locator Part #: DLM-Z2

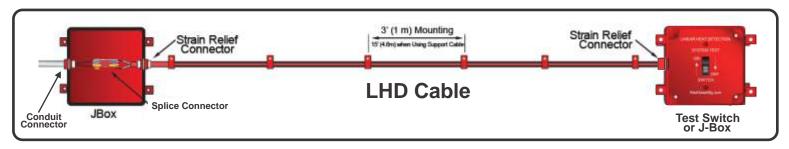
J-BOXES

No more Hole Saws Needed



NOTE: Text on product is not White

Spaces on cover to mark if the box is the J-Box or end of line







ACCESSORIES

RedGear

Strain Relief
Connectors



Strain Relief Connectors

Nylon Part #: RG1110 Zinc Part# : RS7030

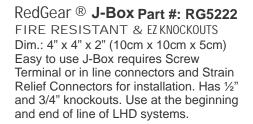


Splice Connector

For Cable splices and connections in J/ELR-Boxes and HDJ/ELR-Boxes.

Connector Part #: RG1136

J-BOX/EOL Box





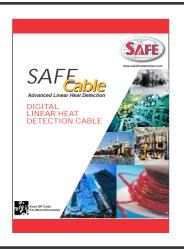
RedGear ® **J-Box Part #: RG5222**

ALSO AVAILABLE FROM SAFE

LINEAR HEAT DETECTION CABLE

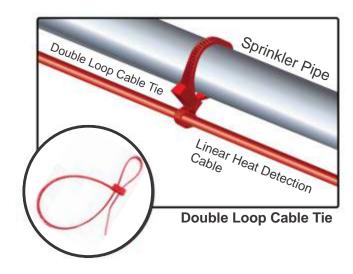
For Information on SafeCable LHD, a Catalog, Training, Project Assistance, Technical Support, or becoming a SafeCable Distributor visit

www.safefiredetection.com



CABLE TIES

New RED nylon 6.6 fire resistant cable ties; multiple sizes for use with pre-action sprinkler systems and other applications



UNIVERSAL SMALL SINGLE LOOP TIE

RedGear ® Small Single Loop Cable Ties

Part #: RG1114C 100/pk Part #: RG1114M 1000/pk



PRE-ACTION SPRINKLER PIPE DOUBLE LOOP

RedGear® Pre-Action
Double Loop Cable Ties

Part #: RG1112C 100/pk Part #: RG1112M 1000/pk



UNIVERSAL LARGE SINGLE LOOP TIE

Standard Extra Large
Single Loop Cable Ties

Part #: RS7064L 50/pk

Note: RS7064L is black in color



PRE-ACTION SPRINKLER PIPE DOUBLE LOOP

RedGear® Pre-Action

Double Loop Cable Ties

Part #: RG1113C 100/pk

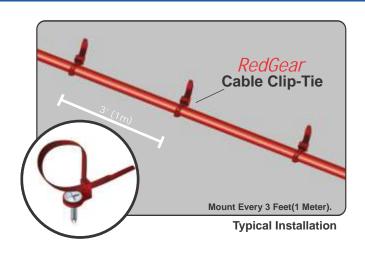
Part #: RG1113M 1000/pk



2 1/2" - 3 1/2"

UNIVERSAL CABLE CLIP-TIE AND BEAM CLAMPS

For use in all applications



<u> 1 Piece Cable Clip-Tie</u>



2 IN 1 CABLE CLIP-TIE

RedGear Cable Clip-Tie

Fire Resistant Nylon 6.6 Rated from -100°F to 392°F(-73°C to 200°C). 3/16" (4.8mm) mounting hole. Used for most ceiling or wall mount applications.

Part #: RG1116C 100/pk

Part #: RG1116M 1000/pk





NEW 3 IN 1 BEAM CLAMP



RedGear **Beam Clamp** (with Built-in Cable Tie)

Fire Resistant Nylon 6.6

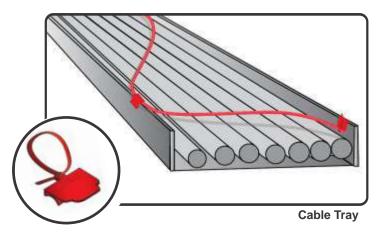
Combines a beam clamp and cable tie all in one for easy use. Rated from -100°F to 392°F(-73°C to 200°C).

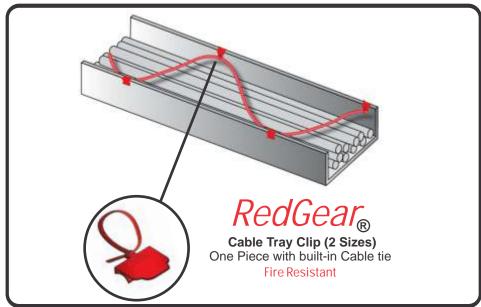
Size: 1/4", 5/16", 3/8" Part #: RG1117L 50/pk Part #: RG1117C 100/pk

Size: 7/16", 1/2" Part #: RG1118L 50/pk Part #: RG1118C 100/pk

CABLE TRAY CLIPS

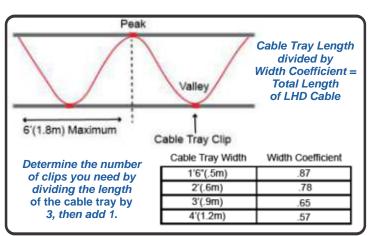
New all in one clip does the job of what used to take three parts





Cable Tray Clip

CABLE TRAY CLIP SPACING



Sine Wave Calculation for Cable Tray

CABLE TRAY CLIP



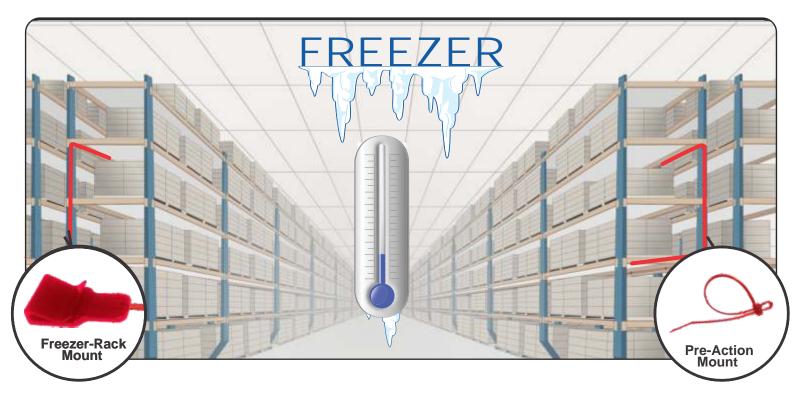
Fire Resistant Nylon 6.6 Used in cable trays to mount LHD cable. Rated from -100°F to 392°F(-73°C to 200°C).

Cable Tray Size: 1/16"-1/4"(1.6 - 4mm) Part #: RG1120C 100/pk Part #: RG1120M 1000/pk

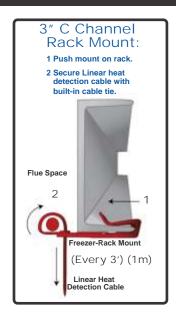
FREEZER MOUNTS

New push on rack mount with built-in cable tie and double loop pre-action sprinkler pipe cable ties





FREEZER RACK MOUNTS





RedGear Freezer-Rack Mount

Fire Resistant Nylon 6.6 Very durable, cold resistant mount for use in freezers. Mount on C channel in the back of flue space as shown. Rated from -100°F to 392°F(-73°C to 200°C).

Part #: RG1128C 100/pk

Part #: RG1128M 1000/pk

FREEZER PREACTION MOUNTS

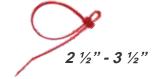


RedGear Pre Action Double Loop Cable Ties

Fire Resistant Nylon 6.6 Fits 3/4"-2" (2cm-5cm) Pipe. Very durable, highly reliable cable ties, use to mount LHD cable on Pre-Action Sprinkler Systems For cold and warm environments. Rated from -100°F to 392°F(-73°C to 200°C). Length: 11 7/8" (30.16cm)

Part #: RG1112C 100/pk

Part #: RG1112M 1000/pk Part #: RG1113M 1000/pk



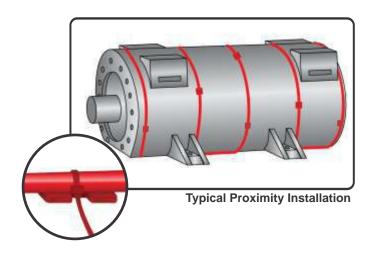
RedGear Pre Action Double Loop Cable Ties

Fire Resistant Nylon 6.6 Fits 2½" - 3½" (6cm - 8.9cm) Pipe Very durable, highly reliable cable ties use for cable ties, to mount LHD cable on Pre-Action Sprinkler Systems. For cold and warm environments. Rated from -100°F to 392°F(-73°C to 200°C). Length: 14 7/8" (37.78 cm)

Part #: RG1113C 100/pk

UNIVERSAL MOUNT

Surface, ceiling, racks, cabinets, walls, for use in all applications almost anywhere



NEW DESIGN



TWO PARTS IN ONE

FIRE RESISTANT One Size Fits All LHD Cables

Simply Apply Surface Mount Adhesive to Back



SURFACE MOUNT ADHESIVE or SCREW MOUNT



Standard Surface Mount Adhesive

For securing Mount to surface. Used with RedGear Surface Mounts to adhere to surface that cannot be drilled into.

Part #: RS7056

2 IN 1 SURFACE MOUNT



RedGear

RedGear Universal Mount with Cable Tie

Fire Resistant

Use with Surface Mount Adhesive or screws and bolts when drilling into mounting surface.

Temperature: Rated from -100°F to 392°F(-73°C to 200°C)

Part #: RG1123C 100/pk Part #: RG1123M 1000/pk

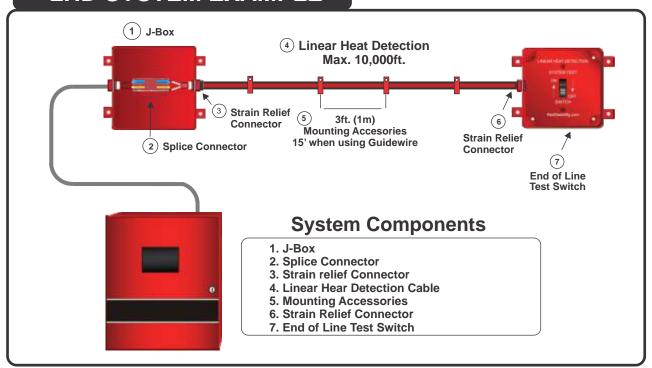
*Use the type, size, and length screw appropriate for your application

TEST SWITCH

New easy to use test switch, no more complicated hard wired boxes now just flick of a switch



LHD SYSTEM EXAMPLE



Easy To Use Test Switch



END OF LINE TEST SWITCH

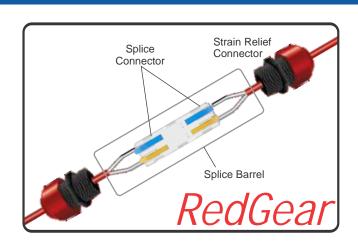


RedGear HD/ELR-Test Switch Part #: RG5223

FIRE RESISTANT & EZKNOCKOUTS

LHD SPLICE KIT No need to replace entire cable,

No tape or screws needed





FAST & EASY TO INSTALL IN DIFFICULT INSTALLATIONS



SPLICE KIT

RedGear.



RedGear Splice Kit

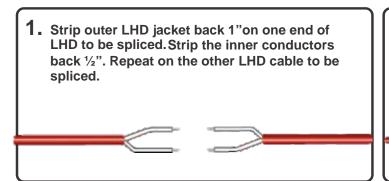
Fire Resistant

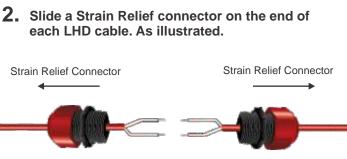
New engineered weatherproof splice kit for LHD cables. Comes with two strain relief connectors, barrel and one SpliceConnector. Rated from -100°F to 392°F(-73°C to 200°C).

Part #: RG1126



INSTRUCTIONS







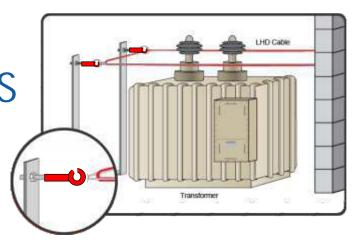




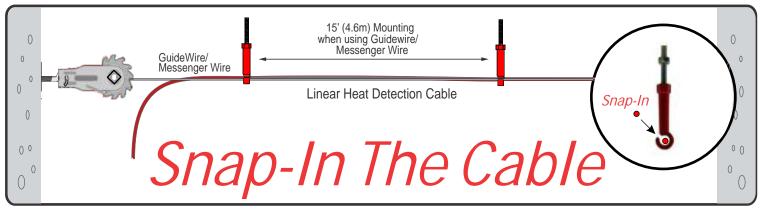


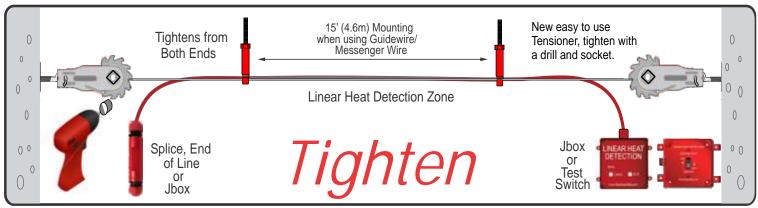
GUIDEWIRE MOUNTING INSTRUCTIONS

NEW Guidewire Snap-In Eyebolts









NO MORE PRE-THREADING EYE BOLTS ON CABLE

Easy to use Tensioners • No more grommets or Turnbuckles

Snap-In



Insulated Snap-In Eyebolt Zinc Plated or Stainless Steel No Grommets Needed

For suspending LHD Cable every 15'. Includes one 1/4" X 20 (6.4mm) nut. Second nut required to lock #RS7066ZC OR #RS7066SC.

Part #: RG1130X (ZINC) 10/pk Part #: RG1131 (STAINLESS)

Locknut Zinc Plated or Stainless Steel

Use as second nut to lock Eyebolts.

Part #: RS7066ZC (ZINC) 100/pk Part #: RS7066SC (STAINLESS) 100/pk

Snap-In *idewire*





Guidewire Tensioner

New Guidewire/messenger wire tensioner. Rated from $-100^{\circ}F$ to $1000^{\circ}F(-73^{\circ}C$ to $200^{\circ}C)$.

Zinc Part #: RG1132

Stainless Steel Part #:RG1133

Jbolt Zinc #: RG1134

Jbolt Stainless Steel #: RG1135

For More Information



conspec-controls.com 800-487-8450