

Installation Accessories

Fastening, Connecting, and Splicing

THERMO LHD Cable™

Cut Sheet

The following fastening, mounting, and splicing accessories have been approved for use with ThermoCable Linear Heat Detection systems and are available through SAFE Fire Detection, Inc. The use of non-approved installation accessories may damage the detection wire, cause false alarms, and void the warranty.

Fastening Hardware

Double Loop Cable Ties

Black Nylon 6.6 rated from -40° to 185°F (-40° to 85°C)
Fits 3/4" - 2" (2cm - 5cm) sprinkler pipe.

Part #: TC1027C - 100/pack
Part #: TC1027M - 1,000/pack



Double Loop Cable Ties

Black Nylon 6.6 rated from -40° to 185°F (-40° to 85°C).
Fits 2 1/2" - 3 1/2" (6cm - 8.9cm) sprinkler pipe.

Part #: TC1028M - 1,000/pack



Large Single Loop Cable Tie

Black Nylon 6.6 rated from -40° to 185°F (-40° to 85°C).
Fits 4" to 6" (10cm - 15cm) sprinkler pipe.
Support ThermoCable using Small Single Loop Cable Tie TC1018C/M fastened to Large Single Loop Tie TC1029L.

Part #: TC1029L - 50/pack



Small Single Loop Cable Tie

Black Nylon 6.6 rated from -40° to 185°F (-40° to 85°C).
Use with Cable Tie Mount TC1017C or Large Single Loop Cable Tie TC1029L, not included.

Part #: TC1018C - 100/pack
Part #: TC1018M - 1,000/pack



Cable Tie Mount

For environments between 0° to 180°F (-17.8° to 82°C).
Use with Small Single Loop Cable Tie TC1018C/M and Cable Tie Mount Adhesive TC1019, not included.

Part #: TC1017C - 100/pack



Cable Tie Mount Adhesive

Use to secure Cable Tie Mount TC1017C to surface.

Part #: TC1019



Cable Clip

Black Nylon 6.6 rated from -40° to 185°F (-40° to 85°C).
3/16" (4.8mm) mounting hole. Use with Push Pin TC1034Q or appropriate screws, not included.

Part #: TC1012C - 100/pack
Part #: TC1012M - 1,000/pack



Cable Clip

Zinc plated steel cable clip with 1/4" (6.4mm) mounting hole.
Use with Push Pin TC1034Q or appropriate screws, not included.

Part #: TC1013C - 100/pack



Push Pin

Black Nylon 6.6 rated from -40° to 185°F (-40° to 85°C).
Secures cable clip TC1012C/M or TC1013C to Beam Clamps, Cable Tray Mounting Clips, and L-brackets through 3/16" (4.8mm) mounting hole.

Part #: TC1034Q - 25/pack



Beam Clamp, Spring Steel

For material thickness up to 1/2" (12.7mm).
Shown with Nylon Cable Clip TC1012C/M and Push Pin TC1034Q, not included. May also be used with Cable Clip TC1013C.

Part #: TC1014C - 100/pack



Beam Clamp, Zinc Plated Steel

For material thickness up to 7/8" (22.2mm).
Shown with Nylon Cable Clip TC1012C/M and Push Pin TC1034Q, not included. May also be used with Cable Clip TC1013C.

Part #: TC1015C - 1,000/pack



L-Bracket, Zinc Plated Steel

For suspending detection cable on or around equipment.
Use with Nylon Cable Clip TC1012C/M or Zinc Plated Cable Clip TC1013L, and secured with Push Pin TC1034Q, not included.

Part #: TC1016



Cable Tray Mounting Clip, Zinc Plated Steel

Cable Tray Mounting clip for material thickness from 1/16" to 1/4" (1.6 - 6.4mm).

Part #: TC1020C - 100/pack



1/16" (1.6mm) Cable Tray Mounting Clip

For material thickness 1/16" to 5/32" (1.6 - 4mm).
Shown with Nylon Cable Clip TC1012C/M and Push Pin TC1034Q, not included. May also be used with Cable Clip TC1013C.

Part #: TC1021C - 100/pack



5/32" (4mm) Cable Tray Mounting Clip

For material thickness 5/32" to 1/4" (4 - 6.4mm).
Shown with Nylon Cable Clip TC1012C/M and Push Pin TC1013L.

Part #: TC1022C - 100/pack



1/8" (3.2mm) Universal Mounting Clip

For material thickness 1/8" to 1/4" (3.2 - 6.4mm).
Shown with Nylon Cable Clip TC1012C/M and Push Pin TC1034Q, not included. May also be used with Cable Clip TC1013C.

Part #: TC1023C - 100/pack



5/16" (7.9mm) Universal Mounting Clip

For material thickness 5/16" to 1/2" (7.9 - 12.7mm).
Shown with Nylon Cable Clip TC1012C/M and Push Pin TC1034Q, not included. May also be used with Cable Clip TC1013C.

Part #: TC1024C - 100/pack



Cable Strain Relief Connector

Required for all ThermoCable penetrations through the wall of a J/ELR Box or HDJ/ELR Box..

Part #: TC100



Indoor Splicing



Screw Terminal

Two point Screw Terminal for all ThermoCable splices and connections in J/ELR Boxes and HDJ/ELR Boxes.
Part #: TC1005X - 10/pack



Low Temperature Splicing Tape

Black. Use with Screw Terminal TC1005X for all indoor splicing in low temperature applications when not using Junction Box.
Part #: TC1010



Splicing Tape

Use with Screw Terminal TC1005X for all indoor ThermoCable splices when not using Junction Box.
Part #: TC1007 - White
Part #: TC1008 - Red
Part #: TC1009 - Blue



Sealant Tape

For indoor splices in addition to Splicing Tape for low temperature applications when not using Junction Box.
Part #: TC1006

Junction and ELR Boxes (Recommended for all Outdoor Splices)

For additional details, see the Standard and Heavy Duty Enclosure Cut Sheets.
Requires Strain Relief Connector (Part #:TC100) and Screw Terminal (Part #: TC1005X)



J/ELR-Box - Standard

NEMA 4X moisture proof Standard Junction/ELR box. Requires Screw Terminal TC1005X and Strain Relief Connector TC100 for installation, not included..
Dim.: 4" x 4" x 2" (102mm x 102mm x 51mm)
Part #: TC1000



HDJ/HDEL-Box - Heavy Duty

NEMA 4X moisture proof Heavy Duty Junction/ELR Box. Requires Screw Terminal TC1005X and Strain Relief Connector TC100 for installation, not included.
Dim.: 6" x 6" x 4" (162.6mm x 162.6mm x 102mm)
Part #: TC1002

Guidewire Installation Accessories



Threaded Eyebolt

For use in suspending ThermoCable with or without Guidewire. Includes one nut. 1/4"-20 (6.4mm)
Part #: TC1030ZX - Zinc Plated, 10/pack
Part #: TC1030SS - Stainless Steel



Rubber Grommet

Black Rubber Grommet used to insulate ThermoCable from Eyebolt TC1030ZX/SS.
Part #: TC1032C - 100/pack



Locknut

For securing Eyebolts TC1030ZX/SS if needed.
1/4" (6.4mm)
Part #: TC1031ZC - Zinc Plated, 100/pack
Part #: TC1031SSC - Stainless Steel, 100/pack



Turnbuckle

Used to fasten and tighten Guidewire attached to ThermoCable for long suspended lengths.
Part #: TC1033Z - Zinc Plated
Part #: TC1033SS - Stainless Steel

To ensure a proper installation and years of continuous services, only SAFE Fire Detection, Inc. approved mounting and connection accessories must be used.



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Publication Number: TC10XX v1.3

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