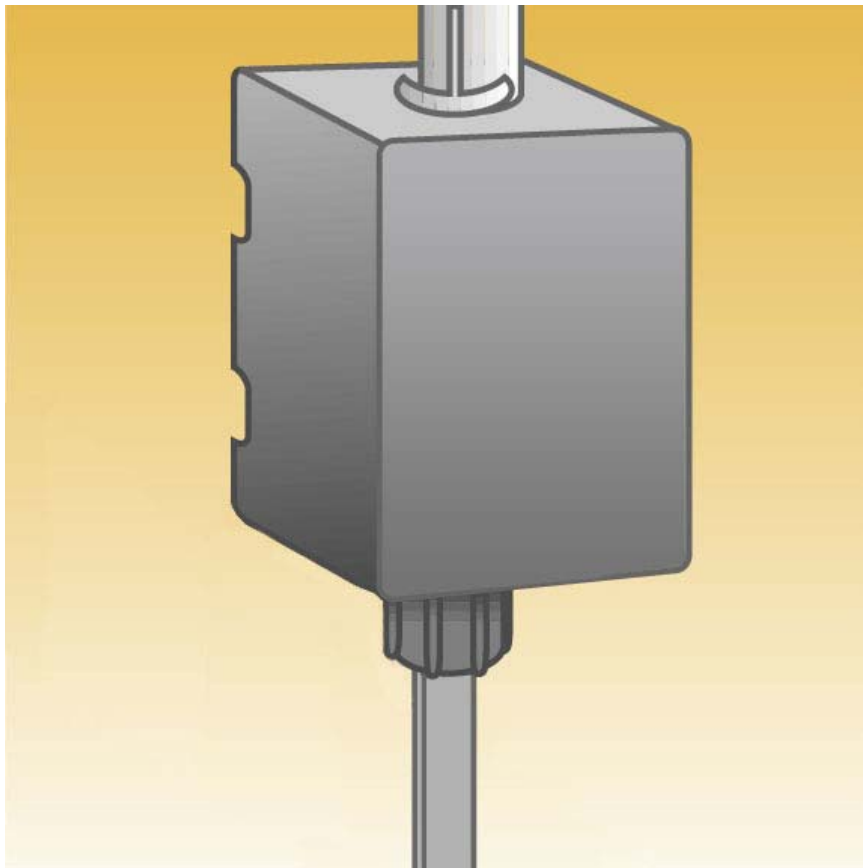
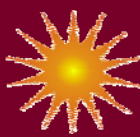


GutterMelt[®]

POWER CONNECTION KIT



GUTTERMELT® POWER CONNECTION KIT



The GutterMelt® Power Connection Kit is used to connect one end of GutterMelt® Cable to the appropriate power source in a junction box, and to terminate and seal off one non-powered end of GutterMelt® Cable.

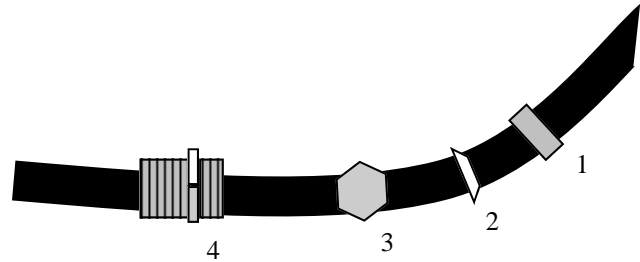
WARNING: ELECTRIC SHOCK HAZARD. Disconnect all electrical power before installing or servicing GutterMelt® cable and/or accessories. A qualified person must perform all installation and service of GutterMelt® and its accessories per GutterMelt® installation instructions, the Canadian electric Code (CEC), the National Electric Code (NEC) and local building codes and requirements. All GutterMelt® installations must be effectively grounded in accordance with the CEC or NEC to eliminate shock hazards and risk to property. Failure to comply the installation instructions in their entirety can result in personal injury and/or property damage.

NOTE: All electrical wiring, including GFCI (Ground Fault Circuit Interrupters), must be done according to the CEC or NEC and/or local codes by qualified persons.

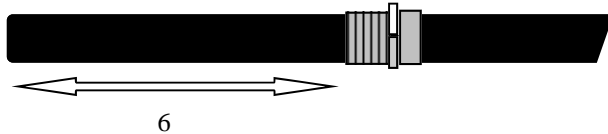
NOTICE: Caution must be used to make certain that all Power, End and Splice Kits are installed properly and water tight. All Self-Regulating Cables are adversely affected by water and will fail if water is allowed to enter its interior.

Installation Instructions:

- A. Slide the four (4) components of the nylon cable connector onto the GutterMelt® SR Cable in the order shown in the drawing to the right.



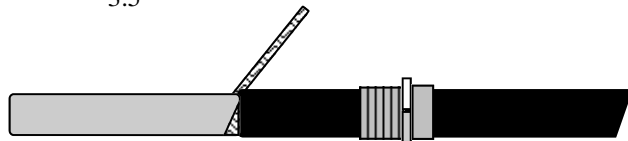
- B. Assemble the connector and tighten, leaving six inches of cable extending through the connector.



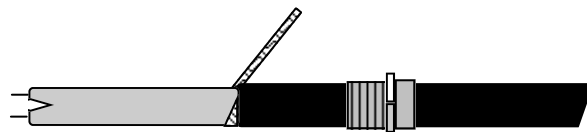
- C. Score the outer jacket GutterMelt® Insulator 3-3.5" from the end of the cable. Remove the outer jacket to expose the grounding braid. Do not cut the grounding braid.



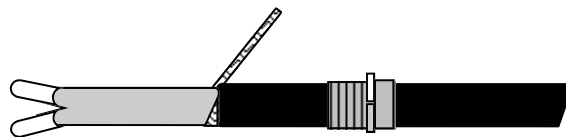
- D. Gently pull the grounding braid apart nearest the remaining outer jacket and pull the cable through the opening in the grounding braid. Twist the grounding braid into a pigtail.



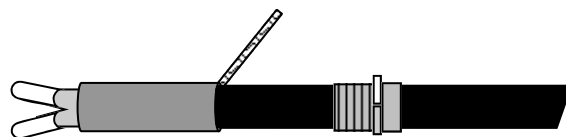
- E. Carefully cut a 3/4" long notch out of the GutterMelt® Cable, between the two conductor wires. Bare a 3/8" length of each conductor by stripping off the outside insulation and the inner black core material.



- F. Slide one end of each of the two insulated butt splice or barrel connectors over the bare portion of the conductors. Crimp the butt splice/barrel connectors on using a crimping tool.

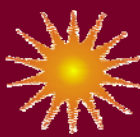


- G. Slide a 3" length of heat shrink tubing over and past the butt splice/barrel connectors.

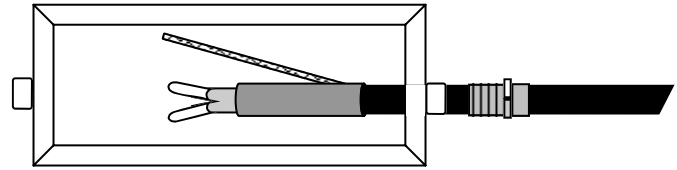


Warning: Do not overheat the heat shrink tube or GutterMelt® Cable. Keep the heat source moving

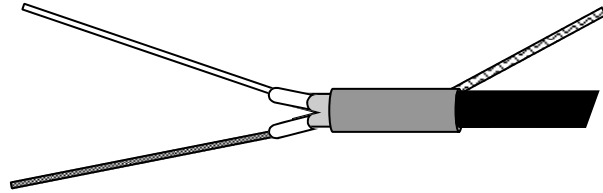
GUTTERMELT® POWER CONNECTION KIT



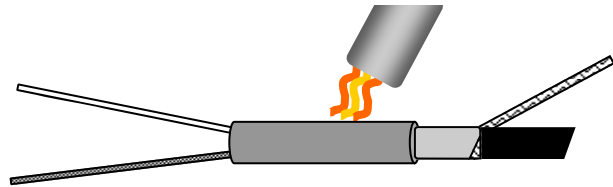
- H. Insert entire assembly into NEMA 4 or 4X Electrical Junction Box. Junction Box should be protected from weather if possible.



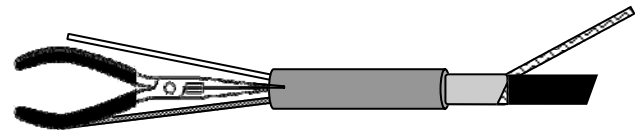
- I. Strip the incoming power conductor leads and ground wire to expose a 3/8" length of bare conductor. Insert the bared portion of the power leads into the other end of the insulated butt splice/barrel connectors connected to the GutterMelt® conductors and crimp them.



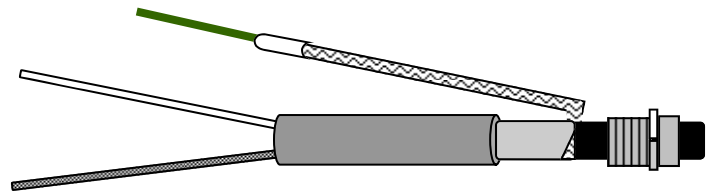
- J. Center the 3" length of heat shrink tubing over the connection. Apply heat evenly to shrink tubing around the heating cable, butt splice/barrel connectors and power leads. Do not burn the heat shrink.



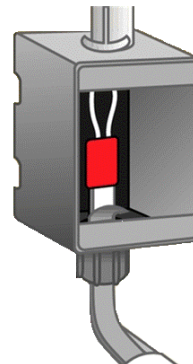
- K. While the shrink tubing is still hot, gently squeeze the shrink tubing between the power leads with needle-nose pliers and hold until cool. The shrink tubing must remain visibly sealed when the pliers are removed. If the heat shrink tubing does not remain sealed, reheat the tubing and try again.



- L. Insert the end of the grounding braid pigtail into one end of the uninsulated butt splice/barrel connector and crimp it. Insert the stripped end of the ground wire into the end of the butt splice/barrel connector and crimp it.



- M. Carefully push the connected wires into the power termination box and secure the cover. Screw the 1/2" compression cable connector into the power termination Junction Box to form a water tight seal.



- N. GutterMelt® SR Cable power leads may be connected to a Heatizon Relay Panel or appropriate activation device (see your Heatizon dealer for

Warning: Do not overheat the tube or cable. Keep the heat source moving at all times.

GutterMelt®

Heatizon Systems • (801) 293-1232

www.heatizon.com