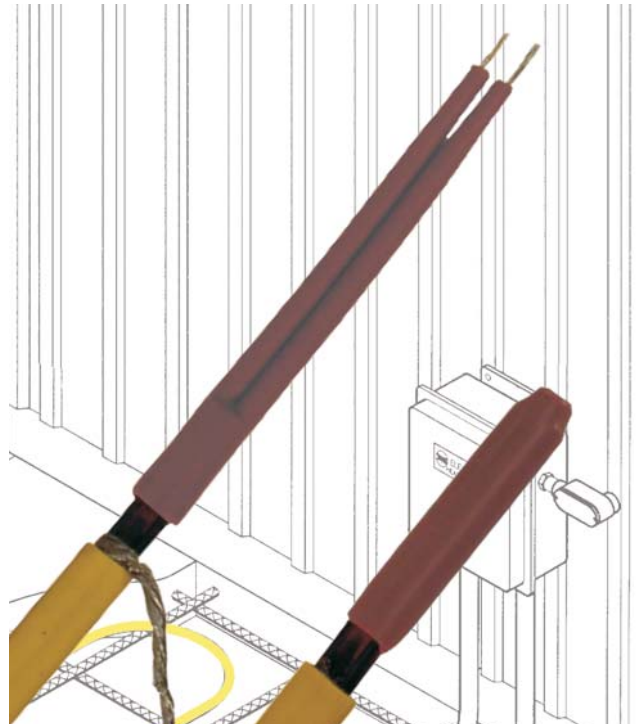


# **KSR-CFK**

Circuit Fabrication Kit  
KSR Snow Melting Cable  
**INSTALLATION PROCEDURES**



**The Heat Tracing Specialists®**

# KSR-CFK

The following installation procedures are suggested guidelines for the installation of termination connection systems. They are not intended to preclude the use of other methods and good engineering or field construction practices.

## Receiving, Storing and Handling . . .

1. Inspect materials for damage incurred during shipping.
2. Report damages to the carrier for settlement.
3. Identify parts against the packing list to ensure the proper type and quantity has been received.
4. Store in a dry location.

## KSR-CFK Power and End Termination Kit (per cable)

### Kit Contents . . .



Item	Quantity	Description
1	1	RTV Tube
2	1	Power Connection Boot
3	1	End Cap

### Tools Required . . .



## Installation Precautions . . .

- To minimize the potential for arcing and fire caused by product damage or improper installation use ground-fault protection. The National Electrical Code (NEC) and Canadian Electrical Code (CEC) require ground-fault protection of equipment for each branch circuit supplying electric heat tracing.
- Installation must comply with Thermon requirements and be installed in accordance with the NEC, CEC, or any other applicable national and local codes.
- Power connections and end termination must be located in NEMA 4 or 4X enclosures (Thermon KSR-JB or UL Listed equivalent) located above moisture line.
- De-energize all power sources before opening enclosure.
- Keep ends of heating cable and kit components dry before and during installation.
- Component approvals and performance ratings are based on the use of Thermon specified parts only.
- The kit instructions should be used in conjunction with the installation instructions for the heating cable and other accessory items.



**Canadian Standard Association**  
Certified Snow Melting Equipment  
for Applications Having a Type  
Designation of 2B



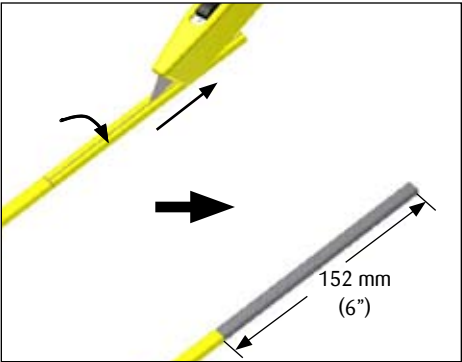
**Underwriters Laboratories Inc.**  
5N23 De-Icing and Snow Melting  
Equipment (KOBQ)




The Heat Tracing Specialists®

# INSTALLATION PROCEDURES

## Power Connection Instructions

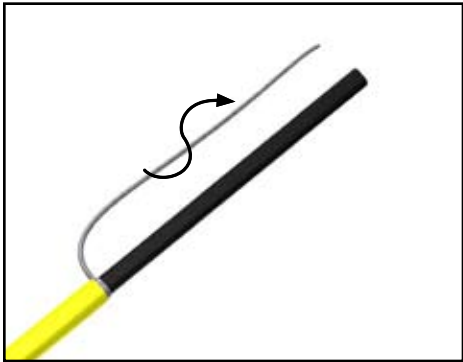


1. Cut and remove heating cable overjacket as shown.

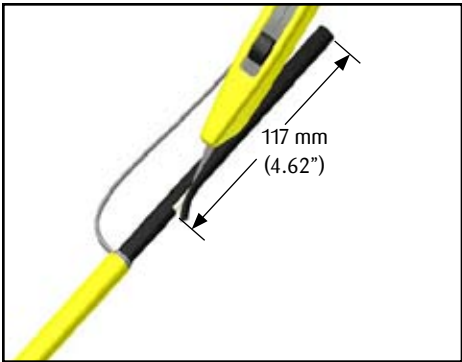
 **Do not cut metallic braid.**



2. Separate braid strands at edge of overjacket and pull cable through opening in braid.

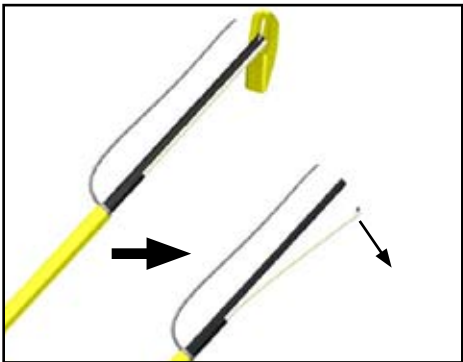


3. Twist braid into a pigtail. Trim ends of braid.

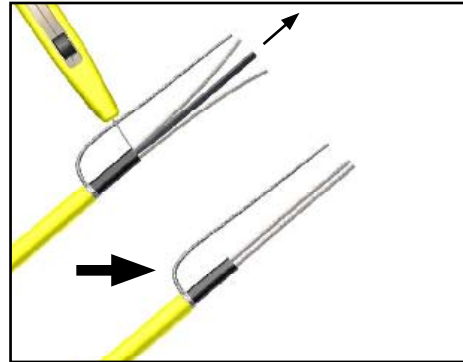


4. Skive outside edges of primary insulation and black matrix.

 **Do not cut bus wire strands.**



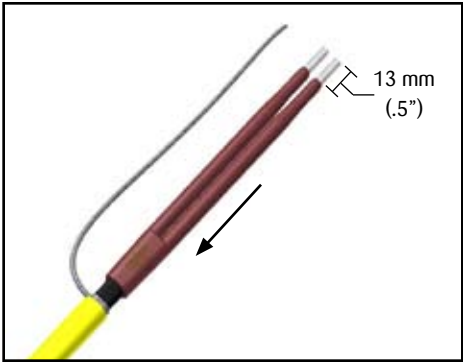
5. Cut V-notch in matrix and pull wires from matrix.



6. Cut and remove remaining center core of matrix.



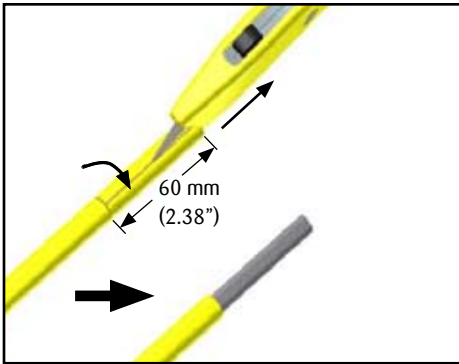
7. Apply a liberal amount of RTV sealant to cable.



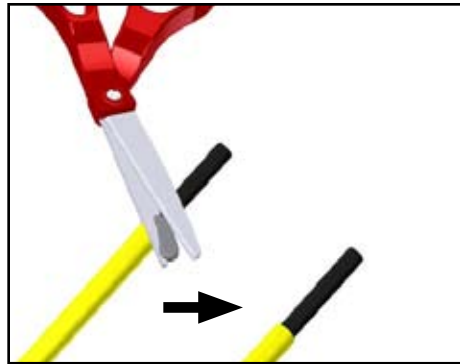
8. Slide boot onto the end of the cable.

# KSR-CFK

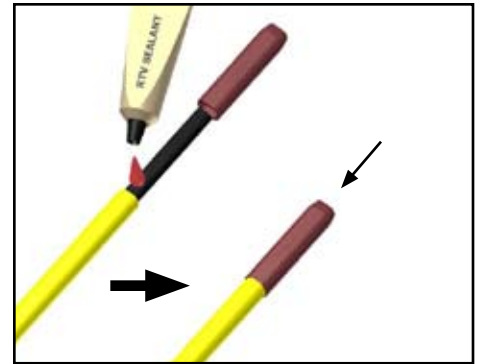
## End Termination Instructions



1. Cut and remove overjacket.



2. Trim away exposed braid from cable.



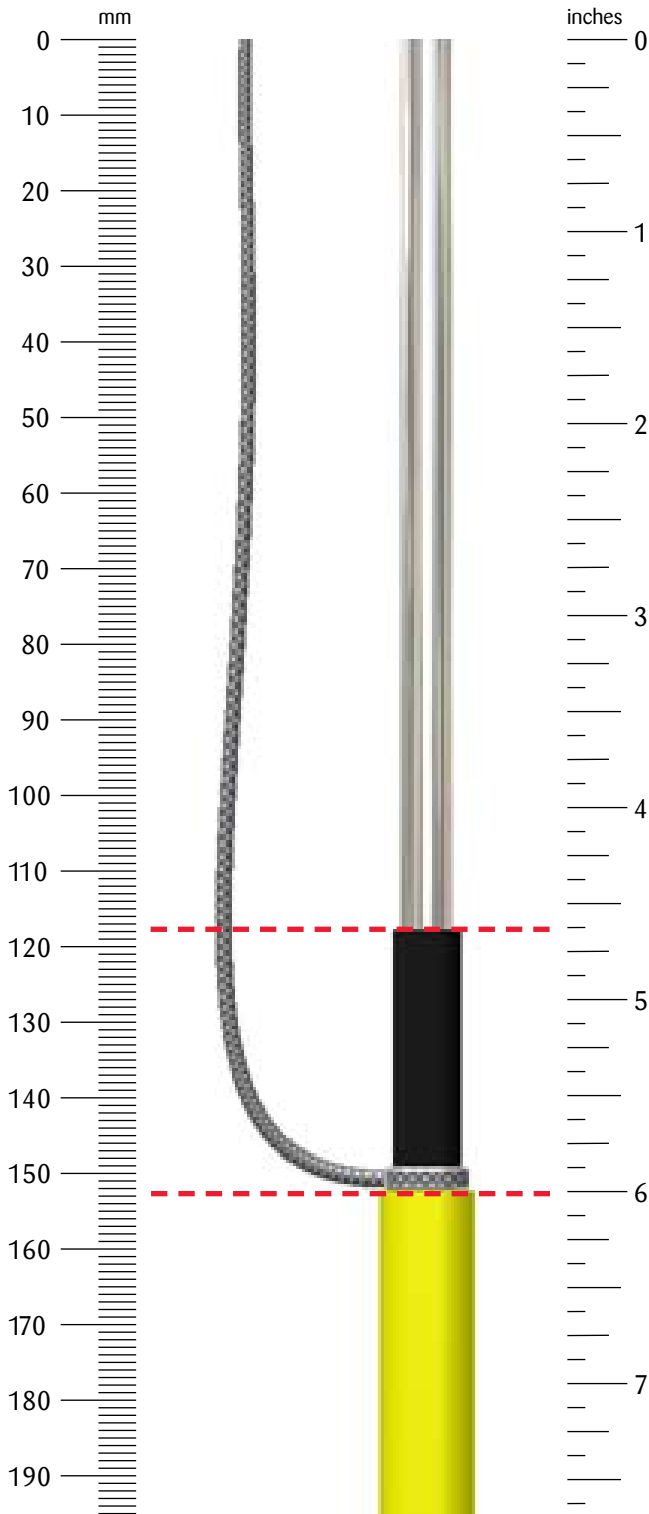
3. Apply a liberal amount of RTV sealant to cable and slide boot onto the end of the cable.



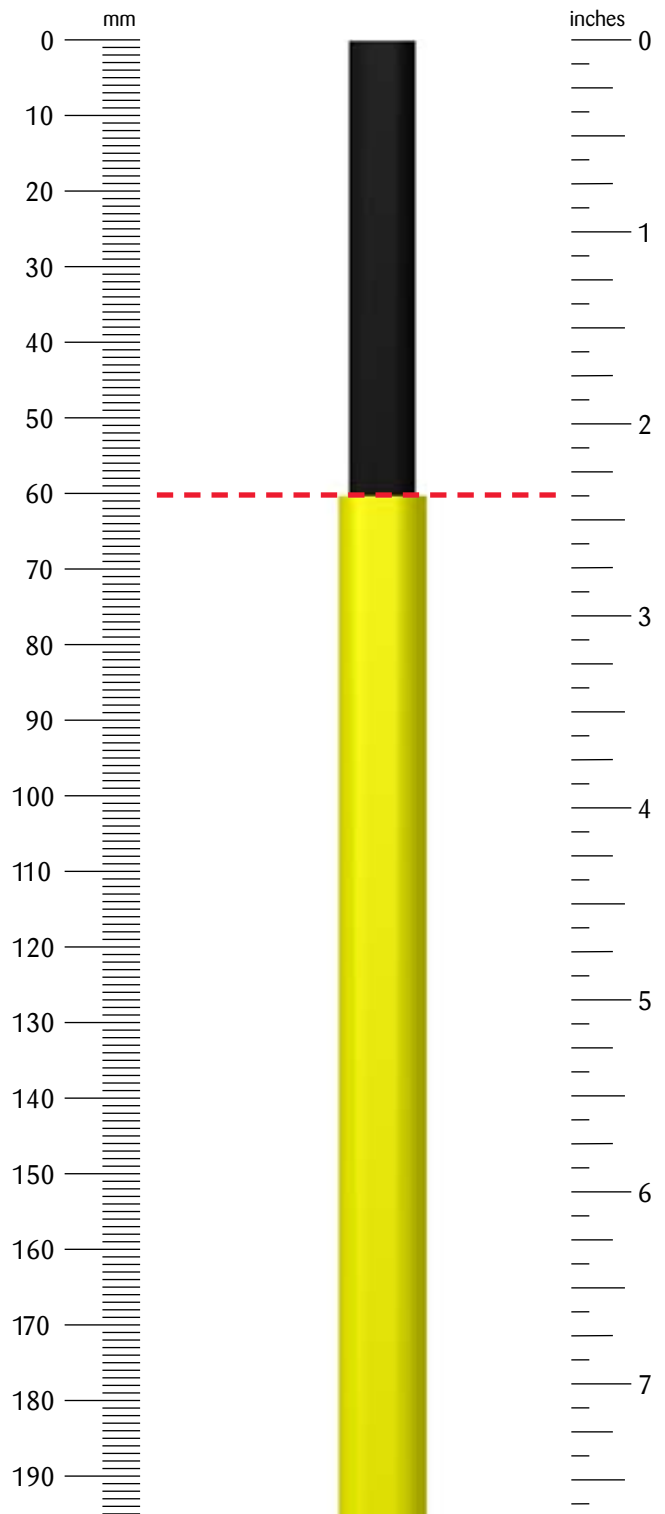
The Heat Tracing Specialists®

# INSTALLATION PROCEDURES

## Cable Take-Off



**For Power Connection Boot Termination**



**For End Cap Termination**

Form 50251-0707



**THERMON . . . The Heat Tracing Specialists®**

**ISO 9001**  
REGISTERED

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 www.thermon.com In Canada call **1-800-563-8461**

Specifications and information are subject to change without notice.