

Wiring Installation Instructions

THETA750 SNAP



INSTRUCTIONS FOR USE

STEP 1: RUN THE CABLE

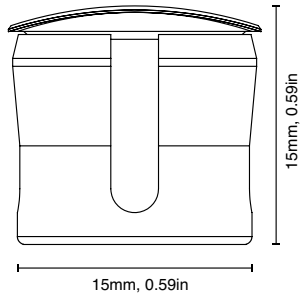
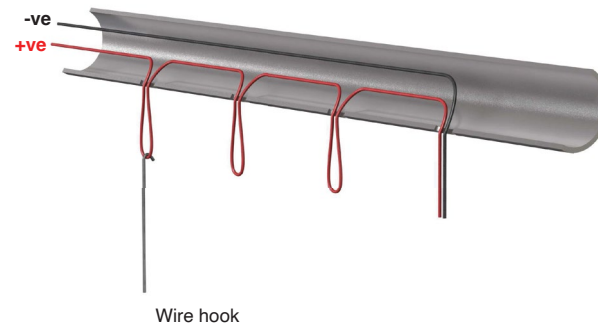
1. Run red and black wire along rail for designated circuit, as per wiring specifications.
 - **Check** that your cable matches or exceeds the cable specified.
2. Pull the wires out through the hole furthest from the cable entry point (this is the end of the circuit).



STEP 2: PULL RED WIRE LOOPS

1. At the next hole back from the end of circuit, pull the red wire 100mm out of the hole, using a wire hook.
2. Repeat this at every hole.
 - Extra red wire will be required.
 - Every hole will have a 100mm loop of red wire pulled through it.

Tip: Use a hook made from the stiff wire to pull the red loops through the holes.



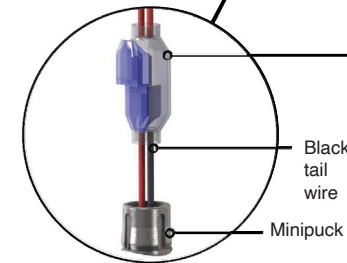
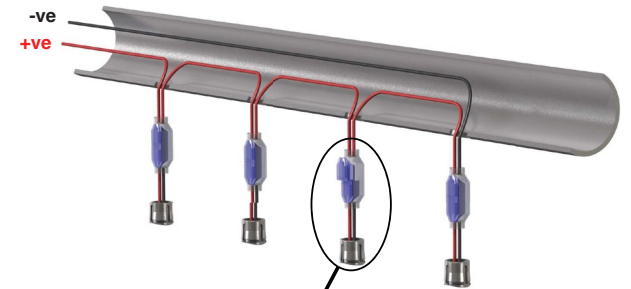
STEP 3: CONNECT END PUCK

1. Connect the end puck using the TE Coolsplice connectors provided.
 - Red wire on puck connects to the red feed wire.
 - Black wire on puck connects to the black feed wire.

STEP 4: CONNECT REMAINING PUCKS

On the next hole back:

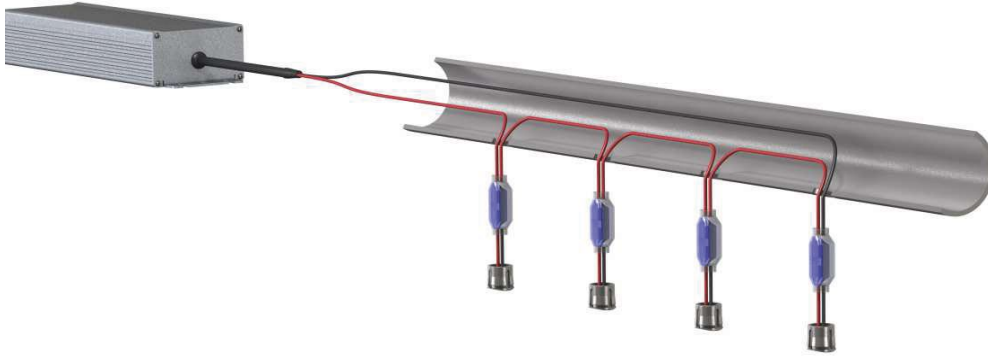
1. Cut red loop wire protruding from hole.
2. Connect black puck wire to red wire connected to the previous puck installed.
 - **Check** that you have the right wire by pulling on the wire to trace the direction of the cable.
3. Connect red puck wire to red wire leading to the next hole where a puck is to be installed.
4. Repeat steps 1-3 for all remaining holes.



- ⚠**
- TE Coolsplice Connector**
- Always use pliers
 - Do not strip the wires
 - Ensure wire is pushed all the way into the connector

STEP 5: TEMPORARILY CONNECT LED DRIVER

1. Connect the drivers positive output to the red puck wire.
2. Connect the drivers negative output to the black return wire from the end puck.

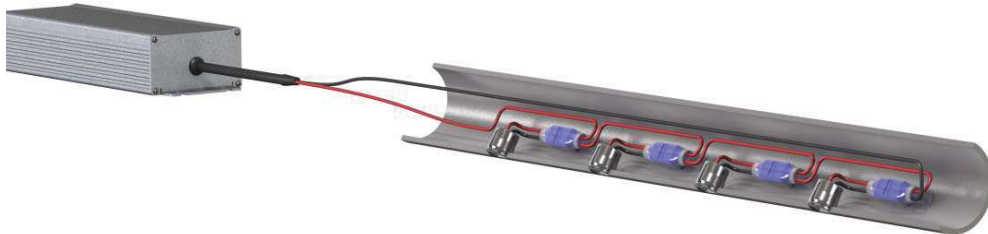


STEP 6: CONFIRM SYSTEM IS WORKING

1. Apply power to the driver.
2. Check that **ALL** pucks are illuminated.
 - **Only** run pucks long enough to confirm illumination.

STEP 7: INSERT PUCKS

1. Push the led puck into the tube.
2. Using the alignment tool, ensure the long reflector axis is parallel to the rail.



STEP 8: CONFIRM SYSTEM IS WORKING

1. Apply power to the driver.
2. Check that **ALL** pucks are illuminated.
 - With pucks installed into the handrail, the system is ready for extended operation.