# Taperwire installation instructions

### Models: 210, 412S, 216, 416, 218, 418, 220, 420, 222, 422, 224, 424

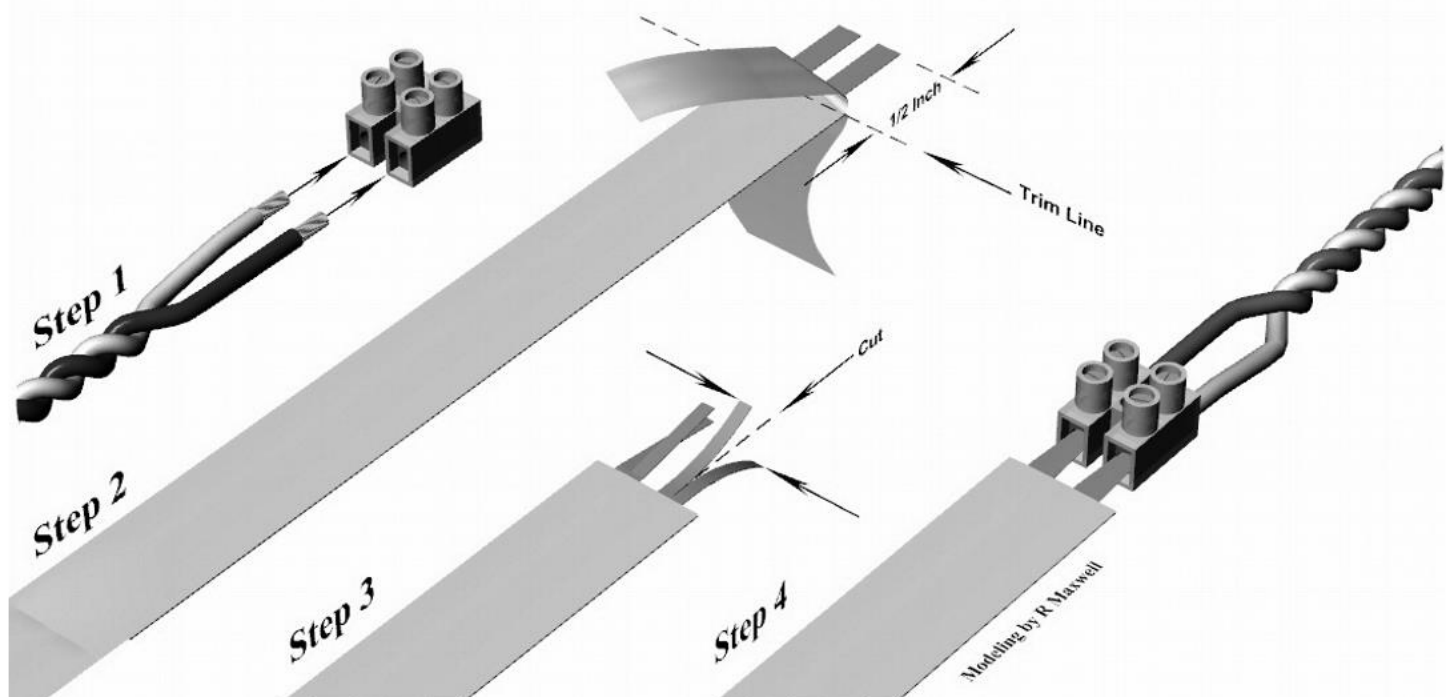**TOOLS REQUIRED:** Scissors, Screwdriver & Razor Blade (Soldering iron if needed)

**SITE PREPARATION (USE FOR ALL TERMINATION METHODS)**
1. Determine the best location for the Taperwire to be run & for the terminations to be located. Recommended locations include those away from high traffic areas & preferably next to a wall. The surface needs to be clean & dust free. Alcohol wipes (NOT WINDOW CLEANER) can be used to prepare the area for installation.
2. Measure the length of Taperwire that will be run, always adding a few inches at each end for safety. It is not recommended to cut prior to the actual installation of Taperwire. Determine if Taperwire will be used by directly connecting to the equipment, or if a pigtail (solder or terminal block splice) to a standard cable & connectors will be used
3. Turn off all power to the system and/or equipment being wired to.

**FOR TERMINAL BLOCK TERMINATION**
1. To prepare the Taperwire for termination to terminal blocks, peel back & cut off ½" of the pink peel-off liner (See Step #2). Release the copper conductors by breaking the adhesive by gently running a screwdriver or blade down both sides of the conductors. Be careful not to cut through the clear or white backing material. Peel tape away from the conductors & trim off even with the peel-off layer (See Step #2).
2. Next step is to prepare the copper conductors for termination to the terminal block. Use scissors to slit the copper conductors down the center about ½" (see Step #3).
3. Then cross one side of the slit ends on top of the other, then fit them into the terminal block on the opposite side of the existing round wire (See Step#4). Use a small flat blade screwdriver to tighten the terminal block screws. Sealant may be applied to exposed copper to prevent oxidation i.e. clear finger nail polish.
**NOTE**: Make sure to keep the polarity markings the same at each end of the wire run.

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**FOR SOLDER TERMINATION**
Follow the termination steps for preparation to a terminal block up to Step #3. After those preparation steps are complete; pre-tin the ends of the Taperwire conductors using a regular soldering iron. Solder together the Taperwire with the existing system's wire. Allow the terminations to cool & then use shrink tube or SPITA ResQ-tape of choice to cover area.

**FINAL TAPERWIRE WIRE INSTALLATION**
1. The Taperwire is now ready to be positioned for final installation. Peel back about 2" of the pink peel-off liner to expose the adhesive side of the wire. Position the Taperwire in the desired installation location & press down to secure. Continue to line up, peel & press the cable into place along the entire installation surface. Take extra care when positioning the Taperwire because the adhesive is semi-permanent & is very difficult to remove.
2. Taperwire can be painted, spackled & painted, installed under carpet, under floor tiles & even wallpapered over.

**WARNING:**
Use Taperwire for installation of low voltage security, speaker &/or telephone systems only.


# TAPERWIRE IS NOT FOR USE WITH
# HIGH VOLTAGE 240V HOUSEHOLD CIRCUITS.


*For more Taperwire information please see our website www.spita.eu*