



Description

The Crestron® FT2A-CBLR-GR series provides an assortment of gravity-retractable cables for use with the FT2-ELEC and FT2-MECH series of FlipTop™ devices. The included cable retracts into its retractor enclosure only when the cable is held vertically over its module and released, regardless of how much of the cable has been pulled out from the retractor. The cable does not retract if it is positioned horizontally on the table.

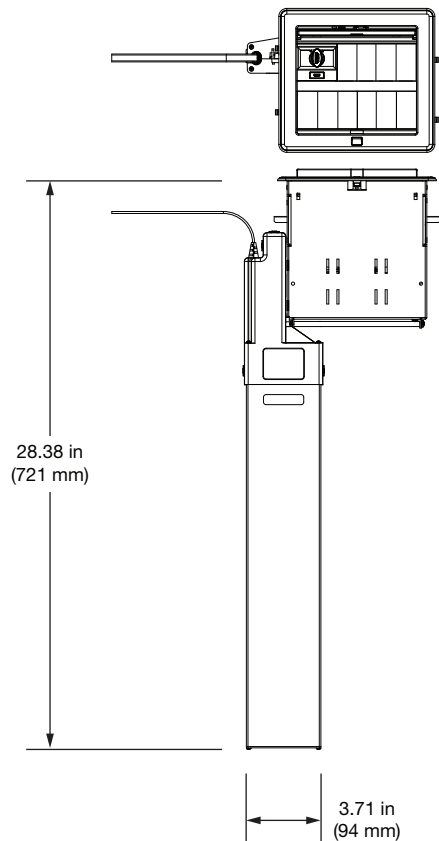
Additional Resources

Visit the product page on the Crestron website (www.crestron.com) for additional information and the latest firmware updates. Use a QR reader application on your mobile device to scan the QR image.



Overview

Each product in the FT2A-CBLR-GR series provides one retractor that contains an 8' (2.44 m) preinstalled cable and one module that enables the cable connector to be accessed from the FT2 FlipTop assembly. The retractor is composed of two parts (a plastic neck and a metal extrusion), and it attaches to the side of the assembly underneath the table. FT2A-CBLR-GR modules also feature a backlit LED icon that lights when the module is connected to the power bus in an FT2-ELEC series FlipTop. Refer to the following illustration for product dimensions.



Each FT2A-CBLR-GR module is 1.97 x 1.97" (50 x 50 mm) and requires two consecutive empty module spaces in the FT2 FlipTop assembly.

NOTE: The LED icon does not light if the FT2A-CBLR-GR module is installed in an FT2-MECH series FlipTop.

Retractor Installation

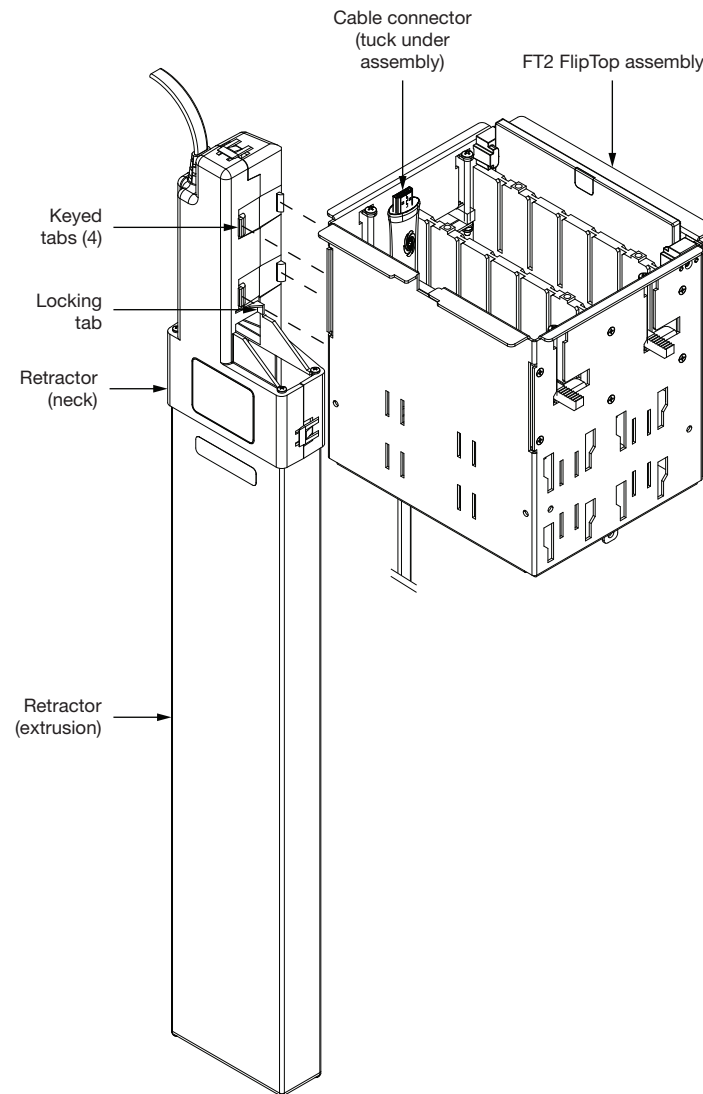
NOTE: Observe the following points before installing the FT2A-CBLR-GR retractor:

- FT2A-CBLR-GR retractors must occupy either of the two ends of a module row and can mount only to the sides of the FT2 FlipTop assembly.
- FT2A-CBLR-GR retractors extend from the FT2 FlipTop assembly 21.58" (548 mm) vertically and 2.13" (54 mm) horizontally underneath the table.

Use the following procedure to install the FT2A-CBLR-GR retractor into an FT2 FlipTop assembly. Complete this procedure prior to installing the FT2A-CBLR-GR module.

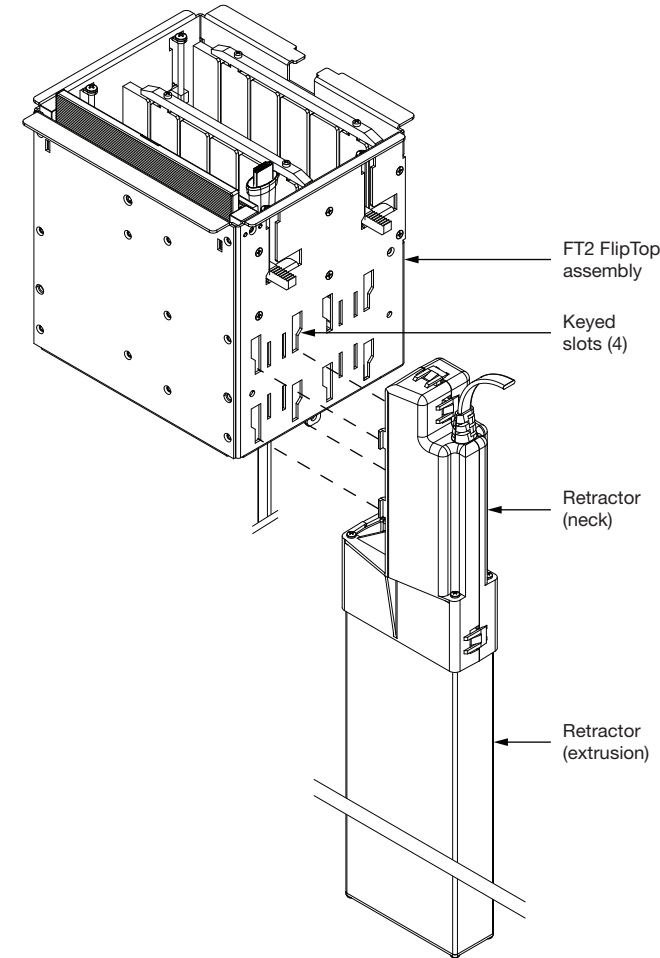
1. Underneath the table, pull the cable connector out of the retractor and tuck it underneath the FT2 FlipTop assembly.
2. Align the four keyed tabs on the retractor neck with the four keyed slots on the FT2 FlipTop assembly. Then, push the retractor up and into the slots so that the keyed tabs engage the wide end of the slots.
3. Slide the retractor downward until the keyed tabs are secured inside the narrow end of the slots.

Installing the FT2A-CBLR-GR Retractor into the FT2 FlipTop Assembly (Front View)



NOTE: Once the FT2A-CBLR-GR retractor is secured into the FT2 FlipTop assembly, a locking tab prevents the retractor from being easily removed. To remove the retractor after it has been installed, press on the locking tab while pulling the retractor up and out of the slots in the assembly. Refer to the illustration above for the position of the locking tab on the retractor neck.

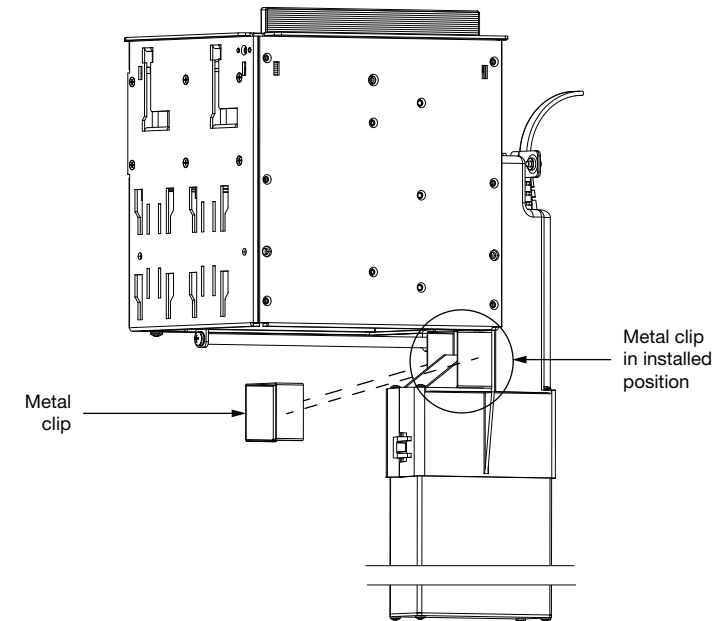
Installing the FT2A-CBLR-GR Retractor into the FT2 FlipTop Assembly (Rear View)



4. Slide the included metal clip onto the retractor neck as shown in the following illustration. The clip fits securely between the retractor neck and the bottom side of the FT2 FlipTop assembly once installed.

NOTE: Pull the cable back and away from the retractor so that the clip slides onto the retractor neck without becoming impeded by the cable.

Installing the Metal Clip onto the Retractor Neck

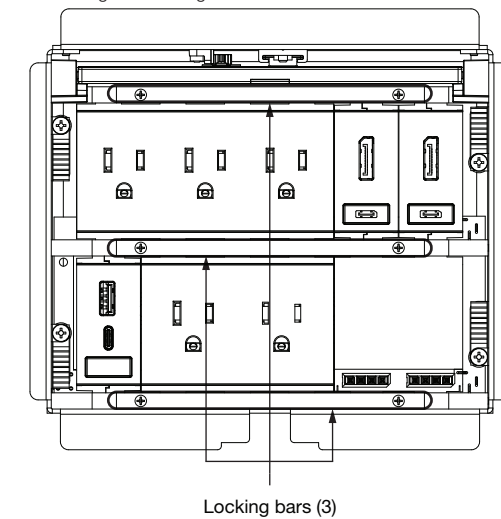


Module Installation

Use the following procedure to install the FT2A-CBLR-GR module into an FT2 FlipTop assembly. If the FT2A-CBLR-GR module is being installed as part of a new FT2 FlipTop installation, skip ahead to step 3.

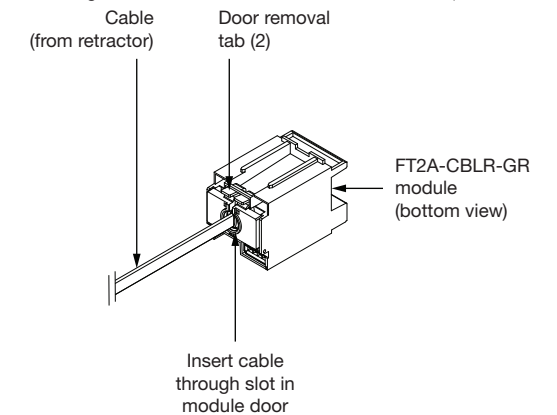
1. Remove the magnetic bezel from the FT2 FlipTop assembly by grasping the inside of the bezel and by firmly pulling it up and away from the assembly until the magnetic hold is broken.
2. Unscrew and remove the two locking bars on either side of the module row needed for installation. For example, if installing the FT2-CBLR-GR module in the bottom row of an FT2-700-MECH or FT2-700-ELEC FlipTop, remove the middle and bottom locking bars.

Removing the Locking Bars

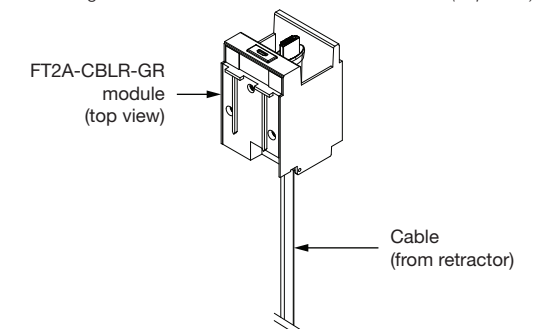


3. Push down on the two door removal tabs on the bottom of the FT2A-CBLR-GR module to open the module door.
4. Route the cable connector through the bottom of the module, and then thread the cable sideways through the slot in the module door so that the connector exits the inside of the door.
5. Snap the door back into place against the module until it is secured.

Installing the Cable into the FT2A-CBLR-GR Module (Bottom View)

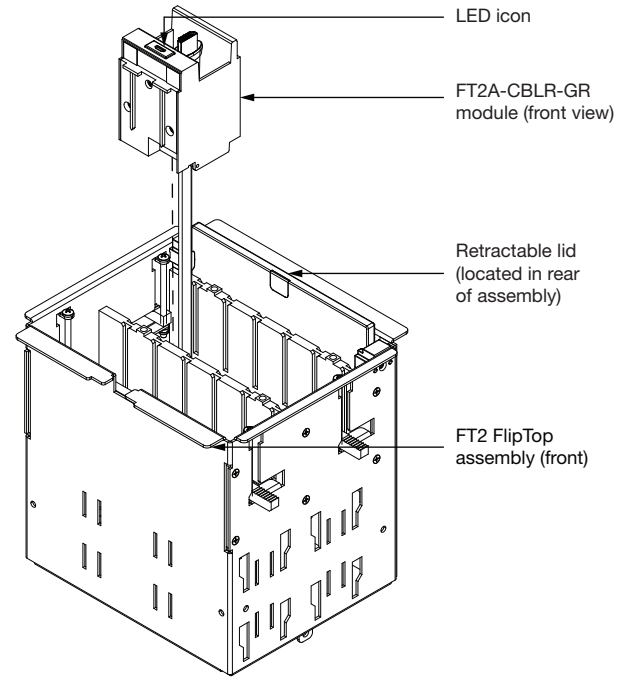


Installing the Cable into the FT2A-CBLR-GR Module (Top View)



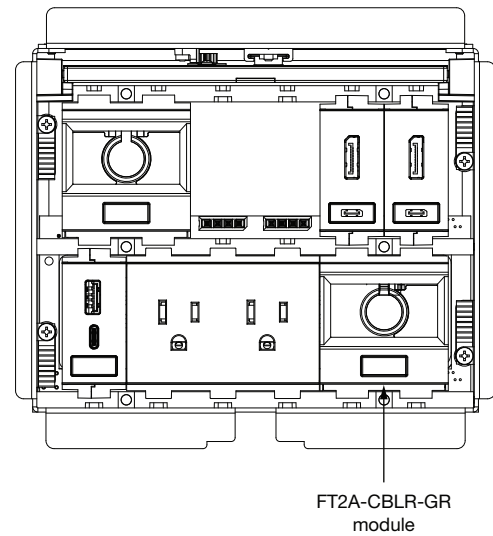
6. Orient the module so that the module's LED icon is facing toward the front of the FT2 FlipTop assembly as shown in the following illustration.

Positioning the FT2A-CBLR-GR Module in the FT2 FlipTop Assembly



7. Push the top of the module down into the appropriate module spaces in the FT2 FlipTop assembly so that the module slides into place. Use the guide ribs on the front and rear of each module to help position the module in the assembly.

Installing the FT2A-CBLR-GR Module into the FT2 FlipTop Assembly (Overhead View)

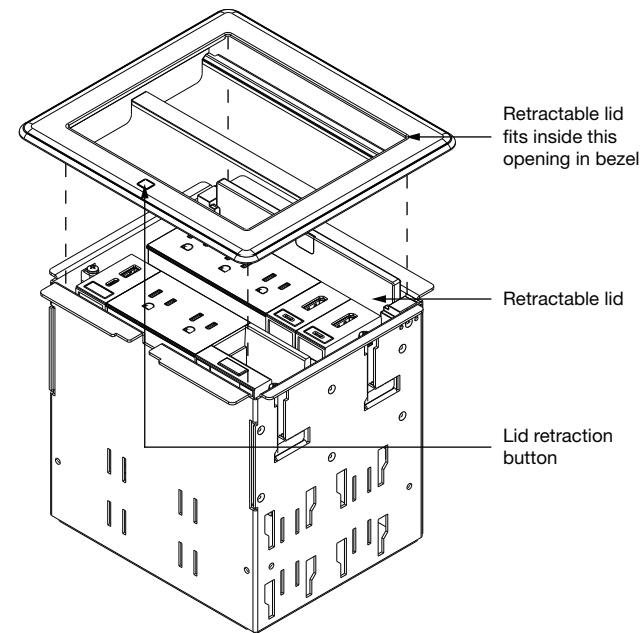


8. Once all modules and plates are installed and level with their surroundings, place the removed locking bars back into position so that the screws on either side engage the screw holes in the FT2 FlipTop assembly. Then, hand tighten the two screws attached to the sides of each bar until the bars are secured to the assembly.

CAUTION: To avoid stripping the screws on the locking bars, hand tighten the screws using a manual screwdriver only.

9. Hold the magnetic bezel over the FT2 FlipTop assembly so that the lid retraction button on the bezel is aligned with the front of the assembly. Then, lower the bezel onto the assembly so that the lowered retractable lid fits inside the rear opening in the bezel and the magnets snap into place against the assembly. Refer to the illustration below.

Attaching the Bezel to the FT2 FlipTop Assembly



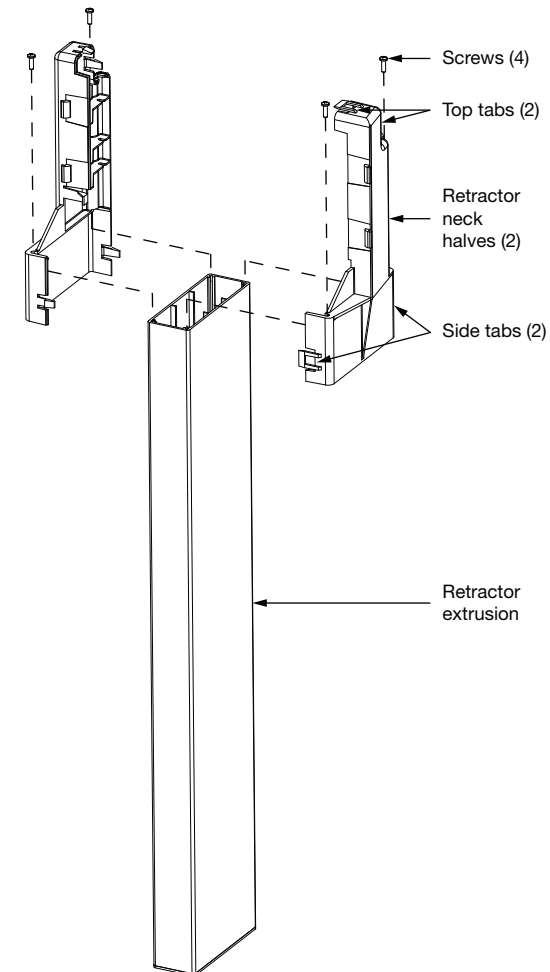
Cable Replacement

If the cable that ships with the FT2A-CBLR-GR product needs to be replaced, use the following procedure to install a new cable into the FT2A-CBLR-GR retractor.

NOTE: Only Crestron FT2A-CBLR-PT series cables may be installed into an FT2A-CBLR-GR retractor.

1. Remove the bezel and locking bars from the FT2 FlipTop assembly. Refer to steps 1–2 in "Module Installation" for more information.
2. Pull the FT2A-CBLR-GR module out of the FT2 FlipTop assembly. Then, push down on the two door removal tabs on the bottom of the FT2A-CBLR-GR module to open the module door, and thread the cable sideways through the slot in the module door to detach the cable from the module.
3. Underneath the table, pull the metal clip off of the retractor neck, and then press the locking tab on the retractor neck while pulling the retractor up and out of the slots. For the locking tab location, refer to the illustration following step 3 in "Retractor Installation."
4. Unscrew and remove the four screws that secure the retractor neck to top of the retractor extrusion. Refer to the image below step 5 for screw locations.
5. Press the two tabs on the sides of the retractor neck to loosen the two halves. Then, press the two tabs on top of the retractor neck, and pull the two halves apart gently to remove them from the retractor extrusion.

Removing the Retractor Neck from the Retractor Extrusion

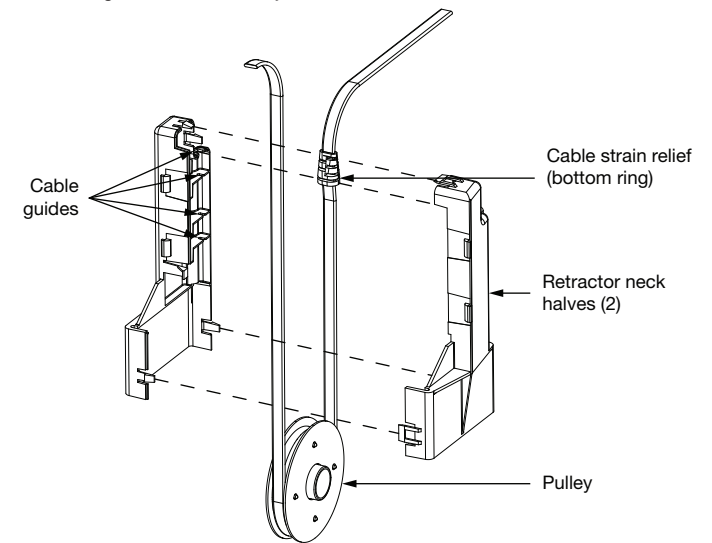


6. Detach the cable from the guides in the retractor neck, and then pull both ends of the cable upward to lift the pulley up and out of the retractor extrusion.
7. Wrap the new cable around the bottom of the pulley as shown in the illustration following step 8.

NOTE: Ensure that there are no twists in the cable after it is wrapped around the pulley. The cable does not retract properly if the cable is twisted.

8. Insert the cable into one half of the retractor neck using the cable guides inside of the retractor neck. The bottom ring in the cable's strain relief attaches to the top cable guide in the neck. Then, attach the two halves of the retractor neck so that the four tabs on the one half snap into their respective slots on the other half.

Connecting the Cable and Pulley to the Retractor Neck



9. Lower the pulley into the retractor extrusion until the retractor neck rests on top of the extrusion. Then, secure the neck to the extrusion by hand tightening the four screws removed in step 4.

CAUTION: To avoid stripping the retractor neck screws, hand tighten the screws using a manual screwdriver only.

Reattaching the Retractor Neck Assembly

