

Cable Retractors for FlipTops™

- > Provides a refined cable management solution for Crestron FlipTops™
- > Keeps interface cables at-the-ready
- > Eliminates hanging cable loops beneath the table
- > Easy-to-use — pull out the cable to its full length (3 ft / 0.9 m) to latch, pull it again to retract
- > No levers or buttons to press
- > Patented mechanism prevents whipping of the cable while retracting
- > Models available to support HDMI®^[3], DisplayPort^[2], VGA, stereo audio, USB, Ethernet, HDBaseT®, and DigitalMedia 8G+®
- > Vertical and horizontal mounting options accommodate most tabletop applications



Model: CBLR2-HD
Shown in horizontal orientation

Crestron® Cable Retractors offer a refined cable management solution for use with Crestron FlipTops™. Using cable retractors, anyone can simply reach into the FlipTop™ storage compartment and pull out the appropriate cable to connect their device. Each cable pulls out smoothly to a length of 3 feet (0.9 meter) and latches in position. A second pull of the cable releases the latch and retracts the cable back into the compartment.

Each Crestron Cable Retractor features a patented mechanism that dampens the rate of retraction to prevent the cable from whipping as it's pulled back into the FlipTop storage compartment. The retraction speed is installer adjustable to ensure full and effortless retraction without excessive force.

Up to three, four, or six cable retractors can be installed depending on the FlipTop model (see specifications for quantity and compatibility). Spacer inserts are available to fill any unused cable retractor spaces.^[1]

Cable retractors can be oriented in two possible positions. In their default vertical position, the retractors hang straight down from the bottom of the FlipTop box allowing them to be hidden in a pedestal leg or similar space directly beneath the FlipTop. When positioned horizontally, the retractors project to the sides or front of the FlipTop, eliminating any obstruction near the floor.^[2]

A 7 foot (2.1 meter) long tail is provided at the back-end of each cable retractor beneath the tabletop. This tail can be plugged into a wall plate or floor box, or connected to a DigitalMedia™ transmitter or similar interface device mounted under the table.

Several models of cable retractors are currently offered to support HDMI®^[3], DisplayPort^[2], VGA, stereo audio, USB, and CAT5e connectivity. The CAT5e model is suitable for Ethernet, HDBaseT®, and DigitalMedia 8G+® applications.

Please see Note #4 for information regarding compatibility with 1st generation CBLR Cable Retractors.^[4]

To configure a complete 600 Series FlipTop with your choice of finishes, cables, cable retractors, connector plates, and power outlets, please use the online [Crestron FlipTops Configuration Tool](#).

SPECIFICATIONS

FlipTop™ Compatibility

FlipTop Models	Cable Retractors Max. Quantity ^[1]	Required Mounting Bracket ^[5]
C2N-FTB-D FT-PWR-D QM-FTCC QM-FTCC-NB QM-FTDC QM-FTDC-NB QM-FTMC QM-FTMC-NB QM-FTMCSC QM-FTMCSC-NB	3	CBLRA-BRKT-3-FT
C2N-FT-TPS4 C2N-FT-TPS4-U FT-PWR-D-LG QM-FTCC-TPS4	4	CBLRA-BRKT-4-FT
FTI-PWR-D QMI-FTCC QMI-FTDC QMI-FTMC QMI-FTMCSC	4	CBLRAI-BRKT-4-FT
FT-600 FT-TS600 FT-TSC600	3 (one side only)	Not Required
FT-600 FT-TS600 FT-TSC600	6	Not Required
IM-FTCC-M IM-FTCCV-M IMI-FTCC-M IMI-FTCCV-M QMI-FTCC-TPS4	0 (not supported)	N/A

CBLR2 Cable Retractors for FlipTops™

Available Cable Types

Cable Type	Models	Pull-Out End	Back End
HDMI® [3]	CBLR2-HD	HDMI Type A male 3 ft (0.9 m)	HDMI Type A male 7 ft (2.1 m)
DisplayPort [2]	CBLR2-DP-V, CBLR2-DP-H	Mini-DisplayPort male 3 ft (0.9 m)	DisplayPort male 7 ft (2.1 m)
VGA	CBLR2-VGA	HD15 male 3 ft (0.9 m)	HD15 male 7 ft (2.1 m)
VGA + Stereo Audio (Unbalanced)	CBLR2-VGA-AUDIO	HD15 male & 3.5mm mini-TRS male 3 ft (0.9 m)	HD15 male & 3.5mm mini-TRS male 7 ft (2.1 m)
Stereo Audio (Unbalanced)	CBLR2-AUDIO	3.5mm mini-TRS male 3 ft (0.9 m)	3.5mm mini-TRS male 7 ft (2.1 m)
USB	CBLR2-USB	USB Type A male 3 ft (0.9 m)	USB Type A male 7 ft (2.1 m)
CAT5e (T-568B straight-through, unshielded)	CBLR2-CAT5E	RJ45 male 3 ft (0.9 m)	RJ45 male 7 ft (2.1 m)

Environmental

Temperature: 41° to 104°F (5° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Enclosure

Metal, black

Dimensions

Height: 22.44 in (570 mm)

Width: 1.12 in (29 mm)

Depth: 4.00 in (102 mm)

Mounted vertically using CBLRA-BRKT-3-FT, including FlipTop Box with lid closed and all required mounting brackets:

Height: 25.00 in (635 mm)

Width: 6.75 in (172 mm)

Depth: 7.74 in (197 mm)

Mounted horizontally using CBLRA-BRKT-3-FT, including FlipTop Box with lid closed and all required mounting brackets:

Height: 9.27 in (236 mm)

Width: 6.75 in (172 mm)

Depth: 23.04 in (586 mm)

Mounted vertically using CBLRA-BRKT-4-FT, including FlipTop Box with lid closed and all required mounting brackets:

Height: 25.32 in (644 mm)

Width: 7.67 in (195 mm)

Depth: 8.40 in (214 mm)



FlipTop FT-TS600 – Shown with 6 CBLR2 Cable Retractors installed

Mounted horizontally using CBLRA-BRKT-4-FT, including FlipTop Box with lid closed and all required mounting brackets:

Height: 9.60 in (244 mm)

Width: 8.50 in (216 mm)

Depth: 23.61 in (600 mm)

Mounted vertically using CBLRAI-BRKT-4-FT, including FlipTop Box with lid closed and all required mounting brackets:

Height: 25.14 in (639 mm)

Width: 7.67 in (195 mm)

Depth: 8.34 in (212 mm)

Mounted horizontally using CBLRAI-BRKT-4-FT, including FlipTop Box with lid closed and all required mounting brackets:

Height: 9.42 in (240 mm)

Width: 7.67 in (195 mm)

Depth: 23.68 in (602 mm)

Mounted vertically to both sides of a FlipTop 600 Series, including FlipTop Box with lid closed and all required mounting brackets:

Height: 25.29 in (643 mm)

Width: 10.16 in (258 mm)

Depth: 6.77 in (172 mm)

Mounted horizontally to both sides of a FlipTop 600 Series, including FlipTop Box with lid closed and all required mounting brackets:

Height: 9.48 in (241 mm)

Width: 42.03 in (1068 mm)

Depth: 6.77 in (172 mm)

Weight

2.14 lb (970 g) each

CBLR2 Cable Retractors for FlipTops™

MODELS & ACCESSORIES

Available Models

CBLR2-HD: Cable Retractor for FlipTops™, HDMI®
CBLR2-DP-V: Cable Retractor for FlipTops™, DisplayPort, Vertical
CBLR2-DP-H: Cable Retractor for FlipTops™, DisplayPort, Horizontal
CBLR2-VGA: Cable Retractor for FlipTops™, VGA
CBLR2-VGA-AUDIO: Cable Retractor for FlipTops™, VGA & Audio
CBLR2-AUDIO: Cable Retractor for FlipTops™, Audio
CBLR2-USB: Cable Retractor for FlipTops™, USB
CBLR2-CAT5E: Cable Retractor for FlipTops™, CAT5e

Available Accessories

CBLRA-BRKT-3-FT: Cable Retractor Mounting Bracket for Small FlipTops™
CBLRA-BRKT-4-FT: Cable Retractor Mounting Bracket for Large FlipTops™
CBLRAI-BRKT-4-FT: Cable Retractor Mounting Bracket for International FlipTops™
CBLRA-INSERT-BLANK: Blank Spacer Insert for Cable Retractor Mounting Brackets
CBLRA-INSERT-2WIRE: 2-Wire Spacer Insert for Cable Retractor Mounting Brackets
FTA-CBLRA-INSERT-2WIRE-102: Cable Retractor Spacer Insert for FlipTop™ 600 Series



FT-TS600 with CBLR2 Cable Retractors in Vertical Orientation



FT-TS600 with CBLR2 Cable Retractors in Horizontal Orientation

CBLR2 Cable Retractors for FlipTops™

Notes:

1. When installing fewer than the maximum quantity of cable retractors, a spacer insert is required to fill each unused cable retractor space. For FlipTop 600 Series, use the [FTA-CBLRA-INSERT-2WIRE-102](#). For all other FlipTops, use the [CBLRA-INSERT-2WIRE](#) or [CBLRA-INSERT-BLANK](#). All spacer inserts are sold separately.
2. All CBLR2 Series cable retractors are field-configurable for vertical or horizontal orientation except for the CBLR2-DP-V and CBLR2-DP-H, which are preconfigured and cannot be converted. When installed horizontally, the retractors project to the left and/or right sides of a FlipTop 600 Series unit and to the front of any other model FlipTop.
3. The CBLR2-HD model features active electronics and is designed for use as an input only. The source device must be connected to the pull-out end, and the sink device (e.g., the input of a display, monitor, transmitter, switcher, etc.) must be connected to the back end (labeled "TV" on the connector). The CBLR2-HD has a minimum TMDS bandwidth of 10.2 Gbps and is capable of passing video signals up to 4K60 4:2:0 and 4K30 4:4:4 maximum.
4. CBLR2 series cable retractors may be installed in place of, or in combination with, existing 1st generation [CBLR](#) series cable retractors, bearing in mind the following factors:
 - a. Combining CBLR and CBLR2 series retractors within a single FlipTop housing may complicate end-user operation due to the differences in their latching and retraction mechanisms.
 - b. For vertical installation, the CBLR2 series requires approximately 2 inches (50 mm) more vertical clearance below the mounting surface than the CBLR series.
 - c. For horizontal installation, the CBLR2 series requires approximately 1.5 inches (38 mm) more horizontal clearance than the CBLR series. Please note the additional knee clearance that may be required in some instances.

- d. For horizontal installations combining CBLR2 retractors alongside existing CBLR retractors, it may be necessary to reposition the existing CBLRA-BRKT-H bracket. This bracket must be retained to support the existing CBLR retractors, but should be offset to one side to allow clearance for the new CBLR2 retractors, which do not utilize the bracket themselves.
5. Item(s) sold separately.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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