

CBLR2 Series

FlipTop™ Cable Retractors

- *Connectivity for FlipTops™ cable management systems*
- *Keeps interface cables at-the-ready*
- *Eliminates hanging cable loops beneath the table*
- *Cable pulls out smoothly to a length of 3 ft (0.9 m), and retracts by simply lifting it vertically above the table*
- *Provides a 7 ft (2.1m) long tail below the table*
- *Patented mechanism prevents cables from whipping while retracting*
- *Models support HDMI® 2, DisplayPort™, VGA, stereo audio, USB, Ethernet, HDBaseT®, and DigitalMedia 8G+® connectivity*
- *Vertical and horizontal mounting options accommodate most tabletop applications*

Crestron® Cable Retractors offer a refined solution for Crestron FlipTop™ cable management systems. Each cable pulls out smoothly to a length of 3 ft (0.9 m) 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 pulls 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 may be installed depending on the FlipTop model. Spacer inserts are available to fill any unused cable retractor slots.¹

Cable retractors may be mounted vertically or horizontally. In the 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.

A 7 ft (2.1 m) long tail is provided at the back-end of each cable retractor beneath the tabletop. This tail may 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 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.

CBLR2 series cable retractors may be installed in place of, or in combination with, existing 1st generation CBLR series cable retractors.³

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

Specifications

FlipTop™ Compatibility

Supported Bracket	Supported FlipTop Retractors
CBLRA-BRKT-3-FT	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 Fits up to 3 cable retractors.
CBLRA-BRKT-4-FT	C2N-FT-TPS4, C2N-FT-TPS4-U, FT-PWR-D-LG, QM-FTCC-TPS4 Fits up to 4 cable retractors.
CBLRAI-BRKT-4-FT	FTI-PWR-D, QMI-FTCC, QMI-FTDC, QMI-FTMC, QMI-FTMCSC Fits up to 4 cable retractors.
Bracket not required.	FT-600, FT-TS600, FT-TSC600 Fits up to 3 cable retractors on one side only.
Bracket not required.	FT-600, FT-TS600, FT-TSC600 Fits up to 6 cable retractors.
Bracket not available.	IM-FTCC-M, IM-FTCCV-M, IMI-FTCC-M, IMI-FTCCV-M, QMI-FTCC-TPS4 Retractors not supported.

Available Cable Types

CBLR2-HD	Pull-Out End: HDMI Type A male 3 ft (0.9 m) Back End: HDMI Type A male 7 ft (2.1 m)
CBLR2-MDP-DP	Pull-Out End: Mini-DisplayPort male 3 ft (0.9 m) Back End: DisplayPort male 7 ft (2.1 m)
CBLR2-VGA	Pull-Out End: HD15 male 3 ft (0.9 m) Back End: HD15 male 7 ft (2.1 m)
CBLR2-VGA-AUDIO (Unbalanced)	Pull-Out End: HD15 male & 3.5 mm mini-TRS male 3 ft (0.9 m) Back End: HD15 male & 3.5 mm mini-TRS male 7 ft (2.1 m)
CBLR2-AUDIO (Unbalanced)	Pull-Out End: 3.5 mm mini-TRS male 3 ft (0.9 m) Back End: 3.5 mm mini-TRS male 7 ft (2.1 m)

CBLR2 Series

FlipTop™ Cable Retractors

CBLR2-USB Pull-Out End: USB Type-A male
3 ft (0.9 m)

Back End: USB Type-A male
7 ft (2.1 m)

CBLR2-CAT5E (T-568B straight-through, unshielded) Pull-Out End: RJ45 male
3 ft (0.9 m)
Back End: RJ45 male 7 ft (2.1 m)

Environmental

Temperature 41° to 104°F (5° to 40°C)
Humidity 10% to 95% 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)

See Additional Dimensions below for mounting variations

Weight

2.14 lb (970 g) each

Compliance

CE

Additional Dimensions

Dimensions include CBLR2 retractor, specified bracket, FlipTop Box with the lid closed, and required mounting brackets.

Mounted vertically using CBLRA-BRKT-3-FT

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

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

Height 25.32 in. (644 mm)
Width 7.67 in. (195 mm)
Depth 8.40 in. (214 mm)

Mounted horizontally using CBLRA-BRKT-4-FT

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

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

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

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

Height 9.48 in. (241 mm)
Width 42.03 in. (1068 mm)
Depth 6.77 in. (172 mm)

CBLR2 Series

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Models

CBLR2-HD

FlipTop™ Cable Retractor, HDMI® to HDMI Cable

CBLR2-MDP-DP

FlipTop™ Cable Retractor, Mini-DisplayPort to DisplayPort™ Cable

CBLR2-VGA

FlipTop™ Cable Retractor, HD15 to HD15, VGA, Cable

CBLR2-VGA-AUDIO

FlipTop™ Cable Retractor, HD15 and 3.5 mm Mini-TRS to HD15 and 3.5 mm Mini-TRS, VGA & Audio Cable

CBLR2-AUDIO

FlipTop™ Cable Retractor, 3.5 mm Mini-TRS Plug to 3.5 mm Mini-TRS Plug, Stereo Audio Cable

CBLR2-USB

FlipTop™ Cable Retractor, USB Type-A to USB Type-A, USB Cable

CBLR2-CAT5E

FlipTop™ Cable Retractor, RJ45 to RJ45, CAT5e Cable

Available Accessories

CBLRA-BRKT-3-FT

FlipTop™ Cable Retractor Small Mounting Bracket

CBLRA-BRKT-4-FT

FlipTop™ Cable Retractor Large Mounting Bracket

CBLRAI-BRKT-4-FT

FlipTop™ Cable Retractor International Mounting Bracket

CBLRA-INSERT-BLANK

Blank Spacer Insert for Cable Retractor Mounting Bracket

CBLRA-INSERT-2WIRE

2-Wire Spacer Insert for Cable Retractor Mounting Bracket

FTA-CBLRA-INSERT-2WIRE-102

Cable Retractor Spacer Insert for FlipTop™ 600 Series

Notes:

1. When installing fewer than the maximum quantity of cable retractors, a spacer insert is required to fill each unused cable retractor slot. 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. 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.
3. 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. The CBLR and CBLR2 series retractors have different latching and retraction mechanisms. Combining the different series within a single FlipTop housing may complicate end-user operation.
 - b. For vertical installation, the CBLR2 series requires approximately 2 in. (50 mm) more vertical clearance below the mounting surface than the CBLR series.
 - c. For horizontal installation, the CBLR2 series requires approximately 1.5 in. (38 mm) more horizontal clearance than the CBLR series. Please note that additional knee clearance may be required.
 - d. For horizontal installations, the existing CBLRA-BRKT-H bracket may need to be repositioned. The CBLRA-BRKT-H must be offset to one side of the existing CBLR retractors to allow clearance for the new CBLR2 retractors, which do not utilize the bracket themselves.
4. Item(s) sold separately.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

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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