



CableReady®

Protective Molding Raceway



WHAT IS CABLEREADY®?

Belden and its PPC brand offers a series of protective molding called CableReady®, developed to meet the needs of the ever-changing broadband industry.

Belden is an industry leader in developing innovative solutions that solve the challenges installers face when working with cable molding. CableReady was designed as a protective molding raceway that, not only meets, but exceeds the cable industry's standards. CableReady molding is available in straight run, transitions, right angles, tee fittings, and more, to ensure a professional solution to any installation.

Our molding is made of 26 gauge Galvalume steel. Galvalume lasts longer and is far more durable than G90 hot dipped steel or plastic molding systems. All products can be used for indoor and outdoor applications.

Previously, system operators, installers and apartment owners have settled for plastic moldings that were difficult to install, re-enter and re-install with an effective product life of only two to three years. In the past, users dealt with plastic moldings that would crack, shift, discolor, warp and fall off the walls of buildings, but that's not the case with CableReady.

All CableReady products are guaranteed against cracking, warping, discoloring, blistering or peeling due to ultraviolet rays or harsh weather conditions for 15 years.



Belden utilizes a roll form machine to produce exact sizes of cable molding.



This machine creates custom-formed accessories that include corners, tee fittings and outlet boxes.

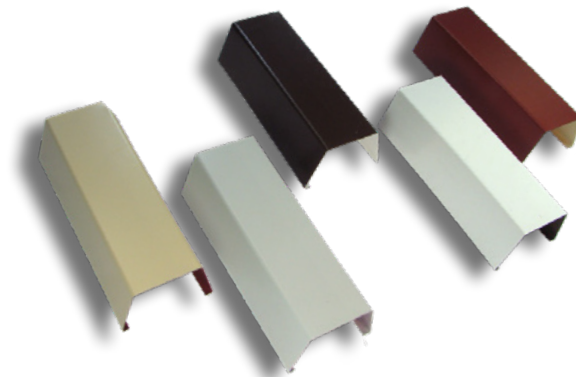


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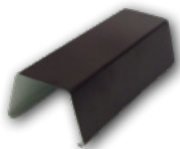
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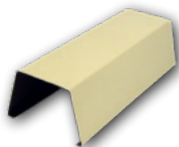
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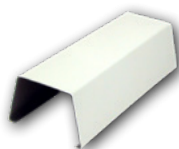
MOLDING COLORS



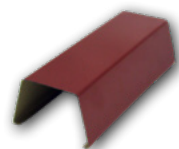
Brown



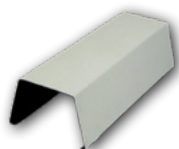
Ivory



White



Redwood



Light Gray

Ordering Guide

*Use two letter suffix to designate color when ordering:

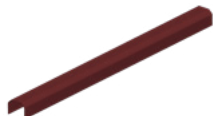
IV	Ivory	BR	Brown
RW	Redwood	LG	Light Gray
WH	White		

Example: **SR050WH** = 1/2" x 8' White Molding

STRAIGHT RUN MOLDING

Features

- All molding is available in five colors and four sizes
- We offer transitions between sizes
- Can be applied for interior or exterior use
- Greater cable capacity
- 15 year warranty!



1/2" x 8' Molding
Part #SR050*
480 ft./box



3/4" x 8' Molding
Part #SR075*
160 ft./box



1" x 8' Molding
Part #SR100*
80 ft./box



2" x 8' Molding
Part #SR200*
96 ft./box

Straight Run must be ordered by box quantity

Ordering Guide

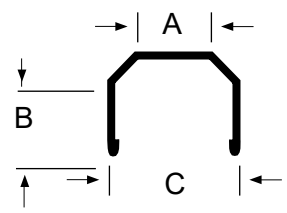
*Use two letter suffix to designate color when ordering:

IV	Ivory	BR	Brown
RW	Redwood	LG	Light Gray
WH	White		

Example: **SR050WH** = 1/2" x 8' White Molding

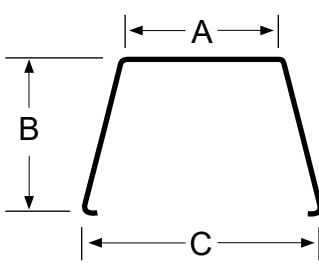
MOLDING SPECIFICATIONS

1/2" MOLDING

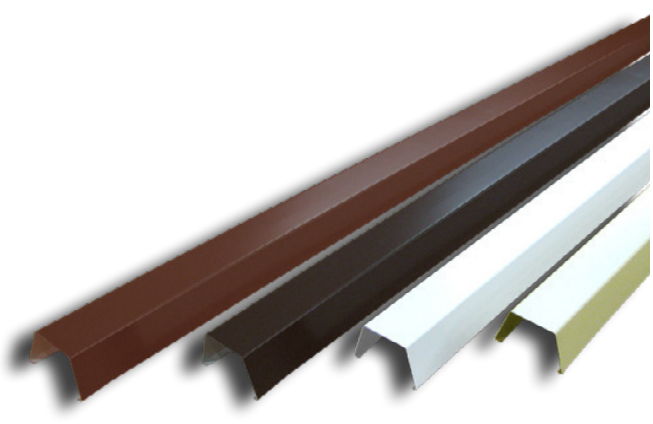


Part Number	A	B	C
SR050	7/16"	3/8"	5/8"

3/4", 1", 2" MOLDING



Part Number	A	B	C
SR075	13/16"	3/4"	1 3/8"
SR100	1 1/4"	1 3/16"	2"
SR200	2 3/16"	2"	3"



CABLE CAPACITY

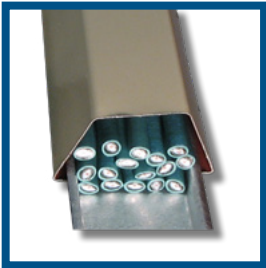
SR050
2 RG6



SR075
4-6 RG6



SR100
14-16 RG6



SR200
40 RG6



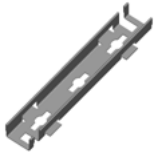
Part Number	Cable Capacity	Footage Per Box	Shipping Weight Per Box
SR050	2 RG6	480'	55 lbs.
SR075	4-6 RG6	160'	28 lbs.
SR100	14-16 RG6	80'	22 lbs.
SR200	40 RG6	96'	40 lbs

Molding cable capacities are approximations using 60% braided RG6 cable

STRAIGHT RUN MOUNTING CLIPS

Standard Mounting Clips

Application: Mounting clips are attached to the surface every 4', all cables or wires are then tie wrapped to the clip and secured.



1/2" CLIP
Part #CL050



3/4" CLIP
Part #CL075



1" CLIP
Part #CL100



2" CLIP
Part #CL200



An easy formula for determining the number of clips needed is to multiply the footage of straight run by .25 for each size ordered.

Example: 4000' of SR100IV x .25 = 1000 CL100

HIGH SECURITY FULL BACKING PLATES

Application: Used in areas where high security is required or when surfaces are uneven or unsupported. The full backing plate provides the ultimate in security for wires. Backing plates are ordered in the same lengths and quantities as straight run.



3/4" X 8' SECURITY CLIP

Part #BP075GS

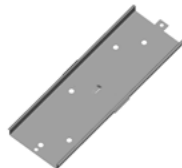
240 ft./box



1" X 8' SECURITY CLIP

Part #BP100GS

192 ft./box



2" X 8' SECURITY CLIP

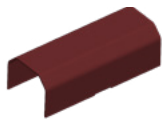
Part #BP200GS

128 ft./box

Helpful hints

All molding and fittings are shipped with a blue protective film. It is recommended that the film remains on the product until the molding is installed on the clips. Note: Fittings should have the film removed prior to installation.

1/2" FITTINGS



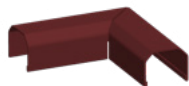
1/2" COUPLING FITTING **Part #CO050***

Covers seam when two pieces of molding are joined together.



1/2" OUTSIDE CORNER **Part #OC050***

Makes a 90° outside turn around corners involving two outside walls.



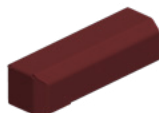
1/2" 90° RIGHT ANGLE **Part #RA050***

Makes a left or right turn at a 90° angle on flat surface.



1/2" TEE FITTING **Part #TE050***

Allows molding to split into three different directions at 90° angles.



1/2" END CAP FITTING **Part #EC050***

Covers end piece of molding.



1/2" INSIDE CORNER **Part #IC050***

Makes a 90° inside turn in a corner. (i.e. a wall to wall or ceiling to wall)

Most 1/2" fittings mount directly onto the CL050 clip.

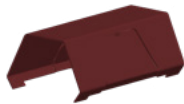
3/4" FITTINGS



1" X 3/4" REDUCING FITTING

Part #RD175*

Reduces molding size from 1" to 3/4" in a straight run of molding.



3/4" COUPLING FITTING

Part #CT075*

Covers seam when two pieces of molding are joined together.



3/4" OUTSIDE CORNER

Part #OC075*

Makes a 90° outside turn around corners involving two outside walls.



3/4" 90° RIGHT ANGLE

Part #RA075*

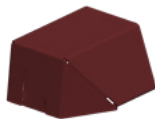
Makes a left or right turn at a 90° angle on flat surface.



3/4" TEE FITTING

Part #CT075*

Allows molding to split into three different directions at 90° angles.



3/4" END CAP FITTING

Part #EC075*

Covers end piece of molding and/or as a reducer from 3/4" to 1/2" molding size.



3/4" INSIDE CORNER

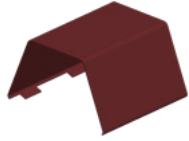
Part #IC075*

Makes a 90° inside turn in a corner such as a wall to wall or ceiling to wall.

Helpful hints

When installing the molding on an uneven surface, the clips should be installed on the high points as close to the 48" centers as possible.

1" FITTINGS



1" COUPLING FITTING
Part #CO100*

Covers seam when two pieces of molding are joined together.



1" OUTSIDE CORNER
Part #OC100*

Makes a 90° outside turn around corners involving two outside walls.



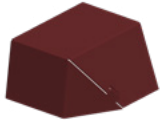
1" 90° RIGHT ANGLE
Part #RA100*

Makes a left or right turn at a 90° angle on flat surface.



1" TEE FITTING
Part #TE100*

Allows molding to split into three different directions at 90° angles.



1" END CAP FITTING
Part #EC100*

Covers end piece of molding. Note: EC100 must be cut in the field to make end cap.



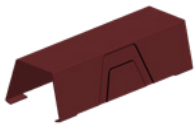
1" INSIDE CORNER
Part #IC100*

Makes a 90° inside turn in a corner such as a wall to wall or ceiling to wall.



1" x 3/4" REDUCING FITTING
Part #RD175*

Reduces molding size from 1" to 3/4" in a straight run of molding.



1" CROSSING TEE
Part #CT100*

Allows molding to split into three different directions at 90° angles.

1" FITTINGS



1" EXPANSION BOOT Part #BO100*

Creates an expansion to cover the hole when entering a lock box, ceiling, or floor.



1" OFFSET ADAPTER Part #OA1-58*

Allows for a step up or step down from a trim board. Standard offset is 5/8".
Fitting can be trimmed.

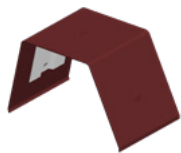


1" BELL ADAPTER Part #BO300*

Covers up to a 2 1/2" hole at the bottom of the bell adapter. Top of bell adapter fits the SR100 Straight Run.



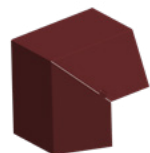
2" FITTINGS



2" COUPLING FITTING

Part #CO200*

Covers seam when two pieces of molding are joined together. Improved with metal insert to be more secure. See note.*



2" OUTSIDE CORNER

Part #OC200*

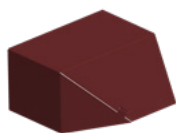
Makes a 90° outside turn around corners involving two outside walls.



2" 90° RIGHT ANGLE

Part #RA200*

Makes a left or right turn at a 90° angle on flat surface. Is a two piece fitting, RA200 snaps onto a right angle clip.



2" END CAP FITTING

Part #EC200*

Covers end piece of straight run molding. Note: EC200 must be cut in the field to make end cap.



2" INSIDE CORNER

Part #IC200*

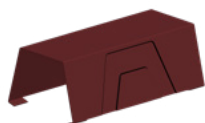
Makes a 90° inside turn in a corner such as a wall to wall or ceiling to wall.



2" x 1" REDUCING FITTING

Part #RD201*

Reduces molding size from 2" to 1" in a straight run of molding.



2" CROSSING TEE

Part #CT200*

Branches off in four different directions at 90° angles.



2" EXPANSION BOOT

Part #BO200*

Creates an expansion to cover the hole when entering a lock box, ceiling or floor.



2" OFFSET ADAPTER

Part #OA2-58*

Allows for a step up or step down from a trim board. Standard offset is 5/8". Fitting can be trimmed.

2" FITTINGS



2" x 2" x 1" REDUCING TEE **Part #RT221***

Reduces from 2" to 1" at a 90° angle to the 2" molding.



2" BELL ADAPTER **Part #BO600***

Covers up to a 4 1/2" hole at bottom of bell adapter. The top of bell adapter fits our SR200 Straight Run.



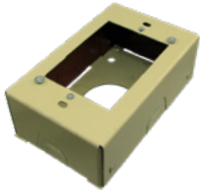
2" TEE FITTING **Part #TE200***

Allows molding to split into three different directions at 90° angles.

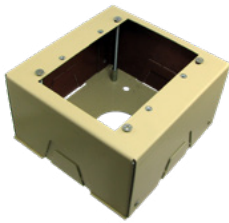
Note: The new CO200 design requires that you install the coupling at the same time as the straight run molding. The interlocking bracket on the CO200 must fit securely between the two lengths of straight run.

MOUNTING BOXES

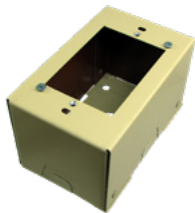
Standard boxes have 1/2" and 3/4" knockouts.



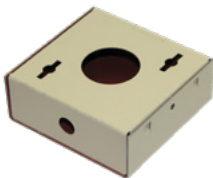
3" x 4 3/4" x 1 5/8"
SINGLE GANG OUTLET BOX
Part # X OB3-4*
Used to terminate a drop.



5" x 4 3/4" x 2 3/4"
DOUBLE GANG OUTLET BOX
Part # X OB34DGEX*
Used to terminate a drop.



3" x 4 3/4" x 2 3/4"
SINGLE GANG OUTLET BOX - DEEP
Part # X OB3-4 SD*
Used to terminate a drop.



2 3/4" x 2 3/4" x 1"
JUNCTION BOX
Part # X JB275-BR
Terminate a drop.

TOOLS

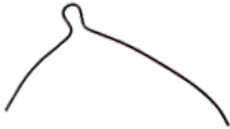
Recommended tools for CableReady® Installations.



SHEET METAL SHEAR
Part #X HC1251
Cuts straight run molding
to desired length.



SUPER SNIP SHEAR
Part #X HC1451
Cuts specialty corners or notches in straight run molding and to cut straight run length.



**SHEAR HANDLE SPRING
REPLACEMENT**
Part #X RS2531
Shear Handle Spring Replacement



SHEAR BLADE REPLACEMENT
Part #X RB2511
Shear Blade Replacement



REPLACEMENT SCREW KIT
Part #X 4532
Replacement Screw Kit

Note: Replacement Spring, Blade and Screw Kit are the same for both X HC1251 and X HC1451



ANCHOR DRIVER
Part # X CR-7TD
Drives nail-in anchors
into the 1/2" clip.



1/2" ENTRY KEY
Part # X EK050HD
Allows user to re-enter 1/2" molding
after the molding has been installed.



ENTRY KEY
Part # X EK100HD
Allows user to re-enter 3/4", 1" and 2" molding after the molding has been installed.



Helpful hints

When installing vertical risers, it is recommended that all short pieces be placed at the top of the riser. A full piece of molding should be at ground level for added security.

ANCHORS

NYLON NAIL-IN ANCHORS - For light duty fastening in masonry, brick, block or concrete. The head of the nail is slotted so the anchor can be removed with a screwdriver. Meets and exceeds GSA Specifications FF-325, Group V, Type 2, Class 4. Use a hammer to insert the Nylon Nail-In Anchors*.

*When using a hammer to insert anchors into the wall surface be careful not to hammer the sides of the clips, since bending the clips out of shape will make removal of the molding very difficult.



Nylon
Nail-in
Anchors

Part Number	X4630	X4730	X5630	X5730
Anchor Size	3/16" x 1"	3/16" x 1 1/2"	1/4" x 1"	1/4" x 1 1/2"
Hole Size	3/16"	3/16"	1/4"	1/4"
Pull Out Strength	250 lbs.	295 lbs.	235 lbs.	290 lbs.
Shear Strength	530 lbs.	680 lbs.	790 lbs.	830 lbs.
Minimum Qty.	100	100	100	100
Bulk Pkg. Qty.	2,000	2,000	2,000	2,000

ANCHORS

SLEEVE ANCHORS - For heavy duty fastening in masonry, brick, block or concrete. Meets and exceeds GSA Specifications FF-S-325, Group II, Type 3, Class 3. The test values listed were obtained using 3500 psi concrete (no aggregate). A safe working load should not exceed 25% of stated values.



Sleeve
Anchors

Part Number	X1712	X1713
Anchor Size	3/8" x 1 7/8"	3/16" x 3"
Hole Size	3/8"	3/8"
Pull Out Strength	2700 lbs.	2700 lbs.
Shear Strength	2280 lbs.	2280 lbs.
Minimum Qty.	50	50

PLASTIC ANCHORS - For light duty fastening in masonry, brick, block, concrete or drywall. When using Plastic Anchors holes must be drilled into the wall surface prior to installation. Use Hex Head Screws to anchor clip to wall surface.



Plastic
Anchors

Part Number	X8460
Anchor Size	1/4" x 1"
Screw Size	10
Hole Size	1/4"
Minimum Qty.	100
Bulk Pkg. Qty.	2000

ANCHORS



Hex Head Screws

Part Number	X #8 HH	X #10 HH
Screw Size	#8 x 1	#10 x 1
Minimum Qty.	100	100
Bulk Pkg. Qty.	2000	2000 lbs.

WALLGRABBERS - For light duty fastening in drywall and plaster. No drilling is required. Drive in with hammer and insert a #8 Hex Head Screw to anchor clip to wall surface.



Wallgrabbers

Part Number	X #8 WG
Anchor Size	#8
Screw Size	#8 x 1
Minimum Qty.	100
Bulk Pkg. Qty.	2000

CableReady® molding is made of 26 gauge Galvalume® steel, which lasts longer and is more durable than G90 hot dipped steel or plastic molding systems.

QUICK INSTALLATION GUIDE

PREPARATION:

- Identify the least obstructive area on the wall to place the molding. Snap chalkline at 2" from any edging.
- Only two clips are needed per 8' section of molding. Starting from the ground up.



DRILL:

- Center the clip at 4' mark, and mark the surface where you will drill the holes.
- Align the clip's end guides with the chalkline.
- Use anchors slightly smaller than the holes to provide for adjustments since the drill bit tends to "walk" on the brick and metal.



ATTACH CLIP:

- Use two anchors to attach each clip.
- The type of wall surface the clip is attached to will determine how the anchors are inserted.*
- As the anchor is being placed, continue to check the alignment of the clip end guides with the chalkline.



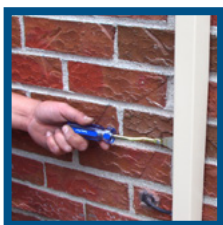
ATTACH CABLE:

- After the clips have been installed, use a tie wrap to secure the clip. (only one tie wrap per clip is needed)



SNAP ON MOLDING:

- When snapping the molding on, start from one end and work toward the other.
- Leave a slight space between each section of molding for expansion.



RE-ENTRY:

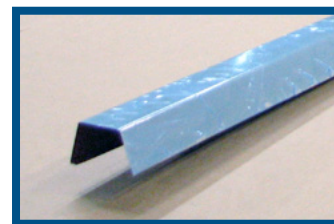
- CableReady® molding requires a special tool to re-enter the molding. The molding and tools are designed specifically to keep vandals out of the system.
- The Entry Key slips under the molding grabbing the flange of the molding and pulling it away from the edge of the clip.

*For detailed instructions on installing CableReady molding please refer to the CableReady Installation Instruction Guide.

**When hammering anchors to secure the clips, be careful not to hammer the sides of the clips, since bending the clips out of shape will make removal of molding very difficult.

HELPFUL HINTS

All moldings and fittings are shipped with a blue protective film that is laminated to the product. This film protects the molding as it is being installed. It is recommended that the strippable film be left in place until the molding is installed on the clips. Remove the film by starting at one end of the molding and pulling it off over the entire length of molding. Unlike the molding, the fittings should have the film removed before installation. Some fittings slide into the molding making it very difficult to remove the film after installation.



HELPFUL HINT #2: The fittings are designed to either snap over the molding or slip into the end of the molding, depending on the fitting. A clip is not required to hold fittings in place on the 3/4", 1", and 2" molding. The majority of the fittings are snap over fittings. The snap over fittings are easy to identify because they have a set of tabs on the bottom.

The other fittings are inserted into the end of the piece of molding, and have small notches on each side where the molding fits. Most 1/2" fittings snap directly onto a CLO50 clip.

HELPFUL HINT #3: When installing vertical risers, it is recommended that all short pieces be placed at the top of the riser. A full piece of molding should be at ground level. This will help prevent vandals from trying to remove and damage a piece of molding. If a vertical riser does not rest on the ground, on a trim board, offset, or any place that will support the weight of the riser, it is recommended that an anchor or screw be placed at the bottom piece of molding to support the riser. Due to the design of the molding, natural expansion and contraction will cause the riser to slide downward over a long period of time. This will create gaps between the pieces of molding unless the support is in place.



HELPFUL HINT #4: When installing the molding on an uneven surface, the clips should be installed on the high points as close to the 48" centers as possible. Another option is to install the full backing plate. The full backing plate can be used in conjunction with the standard clips. You can alternate between the two different types if necessary.

NOTE: The CO200 design requires that you install the coupling at the same time as the straight run molding. The interlocking bracket on the CO200 must fit securely between the two lengths of straight run.





r1_07022024

BELDEN
www.belden.com

These products may be protected by one or more patents. For further information, please visit: www.ppc-online.com/patents

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