
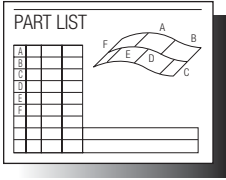

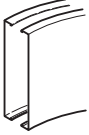

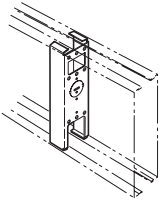
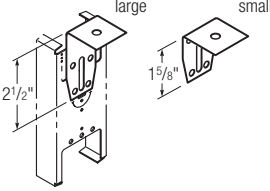
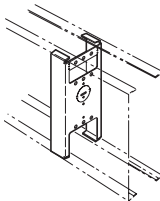
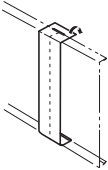
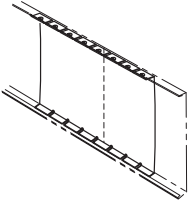
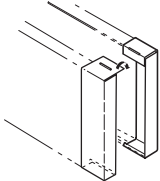
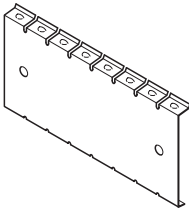
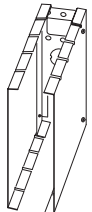


C² Paired Compasso™ Channels



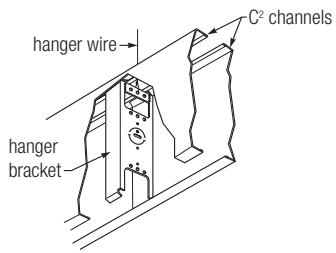
Before beginning installation of the C² Paired COMPASSO™ Channels, check the enclosed bill of materials to ensure that all parts and components are present and undamaged. Read all installation instructions first and familiarize yourself with all parts and components. This is extremely important because *parts will become permanently damaged* if they are installed incorrectly!

To help with identification, all parts are poly-bagged and labeled.

Parts and Components May include some or all of the following:	Installation videotape 	Bill of materials (BOM) 	
	4" straight and/or curved channel segments 	6" straight and/or curved channel segments 	8" straight and/or curved channel segments 
Narrow-reveal hanger bracket/spacers 	Wide-reveal hanger bracket/spacers 	Accessory angles 	
Splice covers to dress field cuts 	Splices 	End caps 	
Accessible splices 	Intersection brackets 		

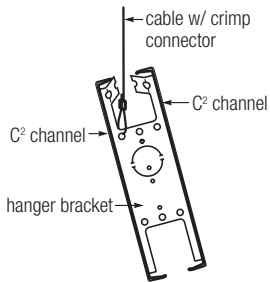
Suspension Options

Hanger Wire

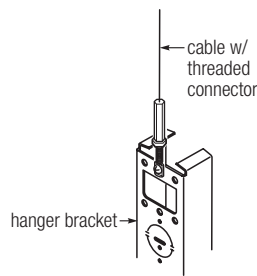


**Aircraft
Cable Wire**

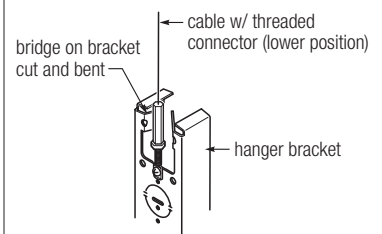
Using a crimp connector



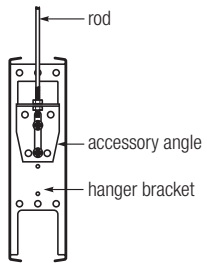
Using a threaded connector wire (higher position)



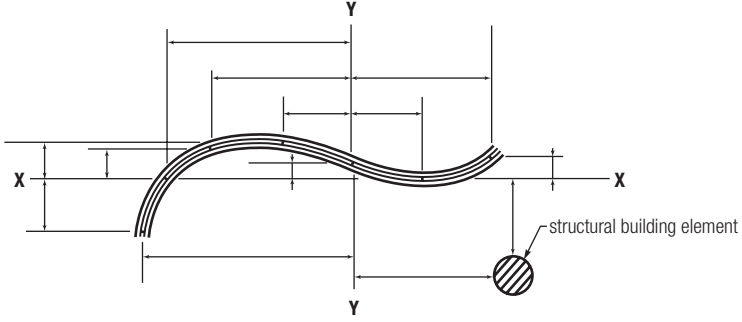
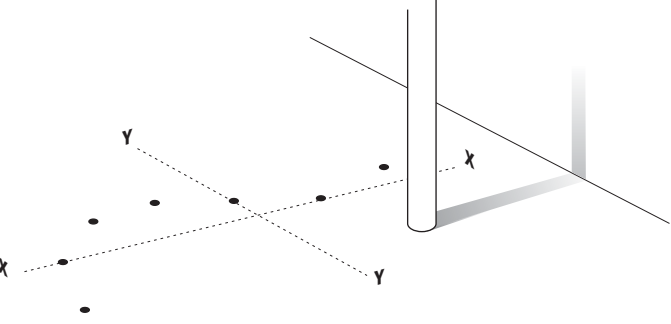
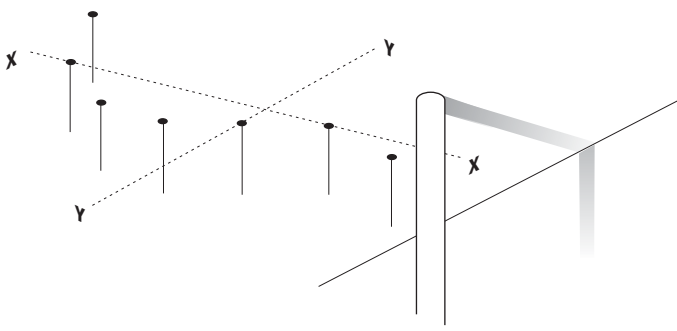
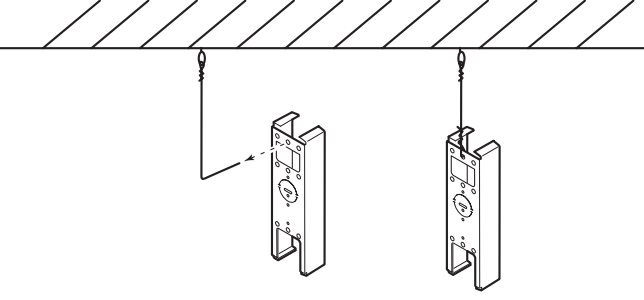
Using a threaded connector wire (lower position)



**Threaded
Rods**



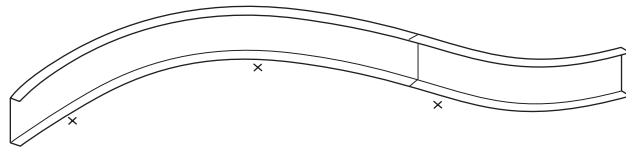
Basic Installation

<p>Step 1</p>	<p>Establish an "X" and "Y" baseline on the floor or ceiling following the diagram provided with your components. Baselines are typically referenced off a structural building element.</p>	 <p>The diagram illustrates a curved cable assembly with multiple strands. Two perpendicular baselines, labeled 'X' and 'Y', are shown. The 'X' baseline is horizontal, and the 'Y' baseline is vertical. A hatched circle represents a structural building element, which is used as a reference point for the baselines. Dimension lines indicate the distances from the baselines to various points on the cable assembly.</p>
<p>Step 2</p>	<p>Determine all hanger wire locations indexed off the "X" and "Y" baselines. These markings indicate where the hanger brackets will be attached.</p>	 <p>The diagram shows a 3D perspective of a vertical structural member. Two dashed lines, labeled 'X' and 'Y', represent the baselines. Several dots are placed along these lines, indicating the locations where hanger brackets will be attached.</p>
<p>Step 3</p>	<p>Project each hanger location to the deck or structural ceiling and attach wires, cables, or rods with the appropriate fasteners. It's very important that all wires are plumb so as not to pull on the assembly. Bridge or trapeze accordingly with appropriate structural members.</p>	 <p>The diagram shows a 3D perspective of a vertical structural member. Two dashed lines, labeled 'X' and 'Y', represent the baselines. Vertical lines project the hanger locations from the baselines to a horizontal line representing the deck or structural ceiling. The vertical lines are labeled 'X' and 'Y' at their base and 'X' and 'Y' at their top, indicating the projection of the baselines.</p>
<p>Step 4</p>	<p>Attach the hanger brackets at the required height using hanger wire, aircraft cable, or threaded rods.</p>	 <p>The diagram shows two hanger brackets attached to a ceiling. The ceiling is represented by a hatched area. Two wires are shown hanging from the ceiling, each attached to a hanger bracket. The brackets are shown in a 3D perspective, with one bracket being slightly larger than the other.</p>

Basic Installation

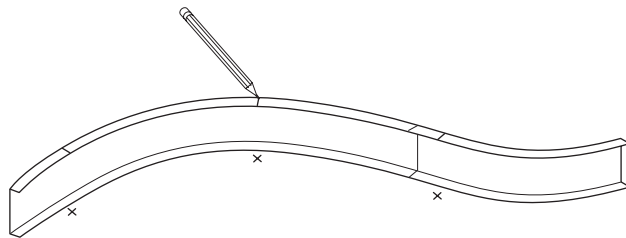
Step 5

Position one side of the Paired COMPASSO channels on the floor, following their part identifications. Using the reference dimensions on the drawing, align the Paired COMPASSO Channels with the hanger wire locations.



Step 6

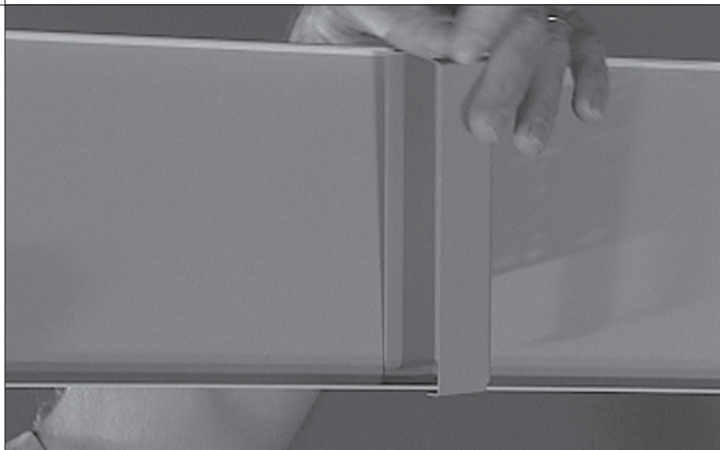
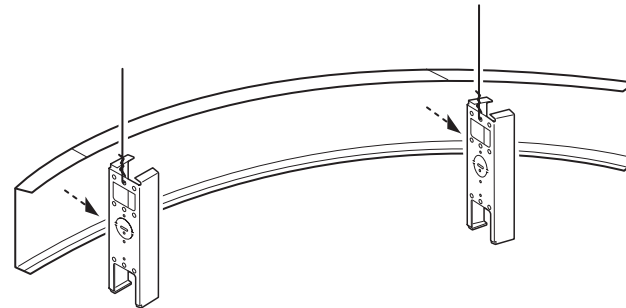
Transfer the hanger wire locations to the top of the Paired COMPASSO Channels. These markings indicate where each hanger bracket will be attached.



Step 7

Snap the first channel onto its corresponding hanger brackets.

Tip: Start at an intersection; if there is no intersection, start near the middle of the assembly.



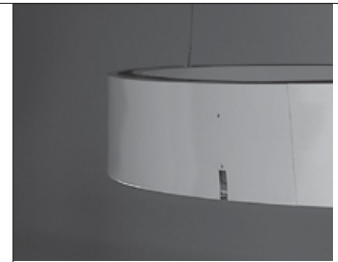
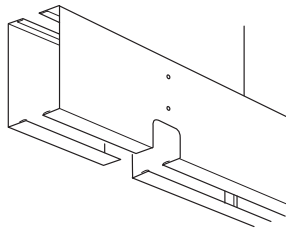
Step 8

If the installation is to form a circle, the inside channel should be installed first.



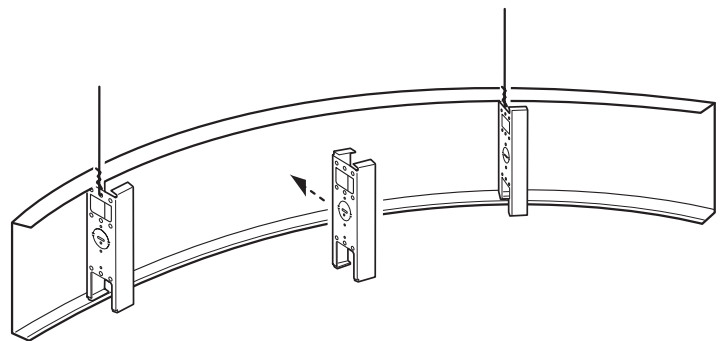
Step 9

If the channels have intersection notches, make sure they line up properly.



Step 10

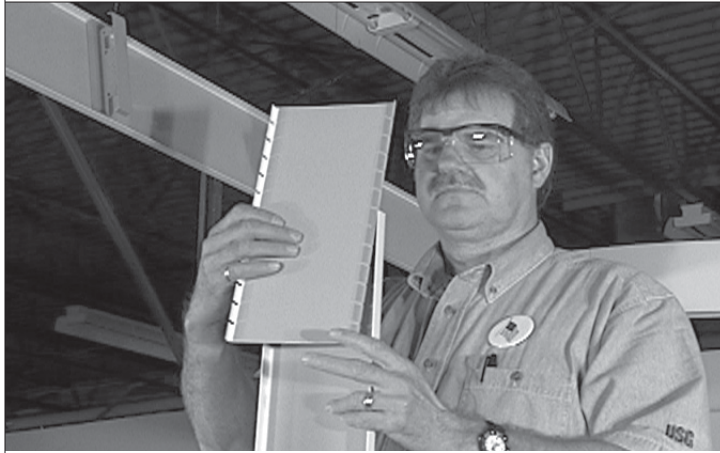
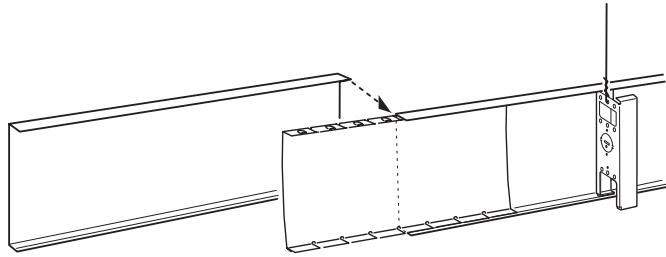
Continue on, referring to the shop drawing and adding additional hanger brackets to ensure uniform spacing between the channels.



Basic Installation

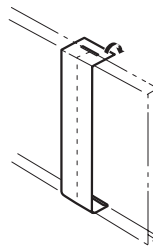
Step 11

Connect channels by using splices to join them.

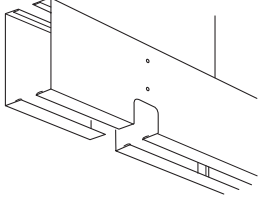
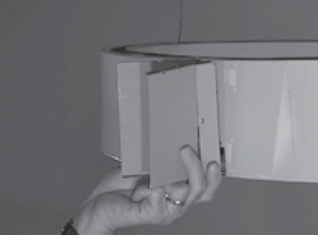
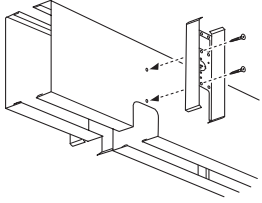

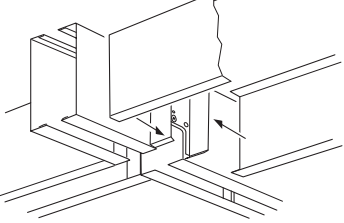



Step 12

Use splice covers to cover the channel joints. Splice covers can also be used to cover any slight gaps or uneven field cuts.



Intersection Installation

<p>Step 1</p>	<p>Align intersection notches as the paired channels are snapped onto the hanger brackets.</p>		
<p>Step 2</p>	<p>Attach a hanger bracket to the face of the notched COMPASSO channel using number-10 by one-half-inch metal screws.</p> <p>For a through-intersection, attach a hanger bracket on each channel.</p>		
<p>Step 3</p>	<p>Snap the intersecting channels onto the hanger brackets and secure the channels to maintain a good connection throughout installation.</p>		

Corner Installation

Step 1

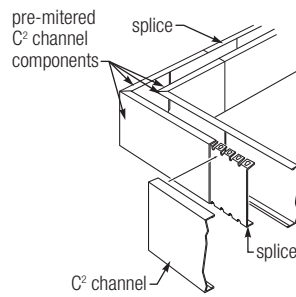
Corners are formed using notched and scored trim for outside corners and pre-mitered trim for inside corners.

To create an outside corner, bend notched corner trim along the score to the desired angle and slide a standard splice part way in on each side.



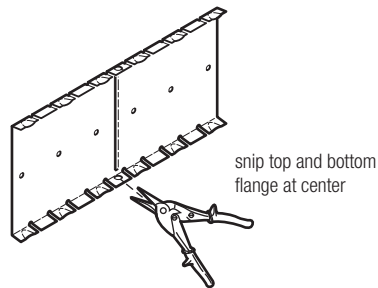
Step 2

Slide the corner unit into place to join the outer C² channels.



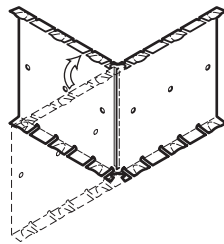
Step 3

To form an inside corner unit, start by snipping the top and bottom flanges of an inside corner splice at the center



Step 4

Fold along the crease to the desired angle.

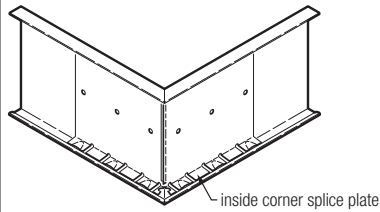
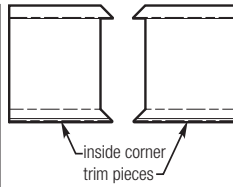


fold to desired angle along crease



Step 5

Using the corner splice, join the pre-mitered inside corner trim segments to form the inside corner unit.



Step 6

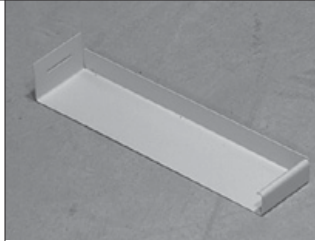
Attach the inside corner unit to the inner C² channels.



End Cap Installation

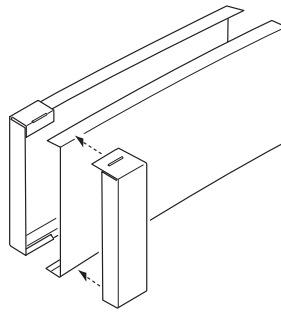
Step 1

At termination points, attach an end cap on each C² channel. Note that there are both right and left end caps.



Step 2

Hook the lower lip of the end cap over the bottom flange of the C² channel, then bend the top tab of the end cap over the top flange of the channel.



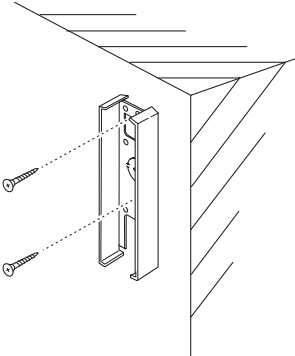
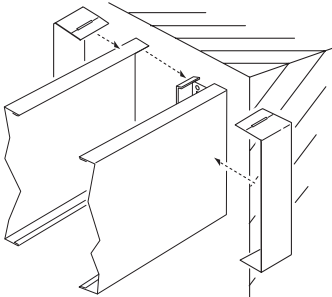
Step 3

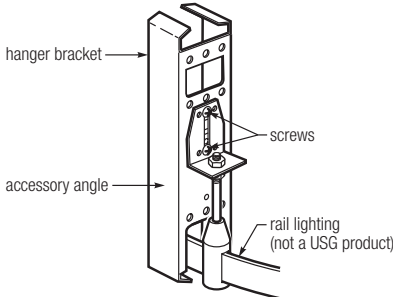
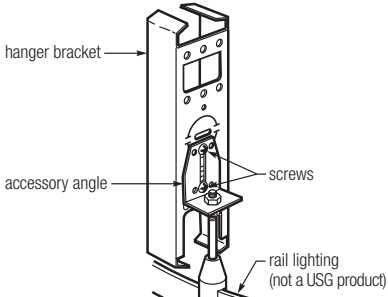
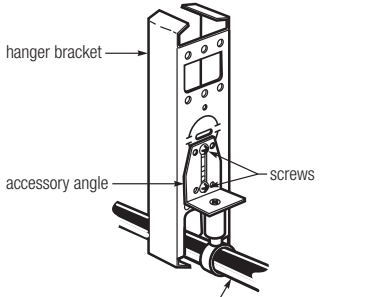
Install the end segments.

Tip: Depending on design, the channel ends may be aligned or offset. Refer to the shop drawing for details on your specific installation.



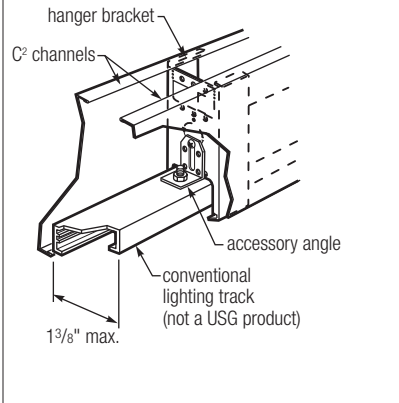
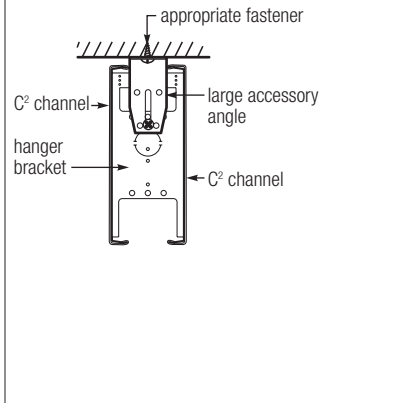
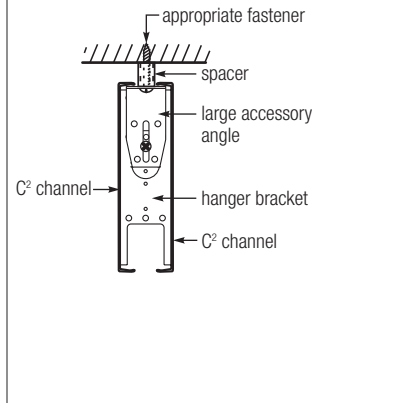
Wall Termination

<p>Step 1</p>	<p>Attach a hanger bracket to the wall face with appropriate fasteners.</p>	
<p>Step 2</p>	<p>Snap the COMPASSO Channels onto the hanger bracket. Splice covers can be used to cover any slight gaps or uneven field cuts.</p>	

<p>Special Installations</p>	<p>Accessory angle used to install flexible rail lighting with a concealed rail</p> 	<p>Accessory angle used to install flexible rail lighting with an exposed rail</p> 	<p>Accessory angle used to install neon lighting</p> 
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Installation Instructions

Special Installations

Accessory angle used to install track lighting	Accessory angle used to install a ceiling attachment	Accessory angle used to install a ceiling attachment with spacer
		

Technical Service
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Web Site
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SAFETY FIRST!

Follow good safety and industrial hygiene practices during handling and installation of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or installation.

Note

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