

Before You Begin

Before starting the installation process, please read these instructions. Follow all standard safety precautions, such as wearing appropriate PPE, using the right tools, and adhering to industry standards.

Step 1 Preparing the Brackets

1. Prepare the Main Bracket (BRK-LDR-D3-76FE-001-10) and Side Bracket(s) (BRK-LDR-D3-76FE-002-10)(if mounting 5 to 8 splitters) for assembly.
2. Start by positioning the Main Bracket and Side Bracket(s) as shown in Diagram A.

Step 2 Installing the Splitters

IMPORTANT:

- If you are mounting 5-8 splitters, use the Side Bracket(s) (BRK-LDR-D3-76FE-002), which can support 2 splitters per plate.
- If you are using 3-way and 4-way splitters on the same Main Bracket (BRK-LDR-D3-76FE-001-10), make sure to position the same type of splitter back to back (see Diagram B).

CAUTION:

- **Ensure no PEM Nuts are located beneath the splitter** to avoid bending the mounting holes.
- If you are installing the 4-way splitter, **you must remove the PEM Nuts from the front of the Main Bracket** that belong to the 3-way splitter at the back (Diagram C).

1. Place the Main Bracket (BRK-LDR-D3-76FE-001-10) on a flat surface. Align the mounting holes on the splitter with those on the Main Bracket. Ensure that the splitter is not resting on a PEM Nut. (See Diagrams D + E)
2. Slide the Locking Washers onto the 8-32 x 0.625 Screws, then insert the Screws into the mounting holes on the splitter. Secure them by tightening them into the PEM Nuts located on the reverse side of the Main Bracket. (See Diagrams D + E)
3. If you are installing 5-8 splitters, determine the number of Side Plates (BRK-LDR-D3-76FE-002-10) needed, as each plate accommodates 2 splitters. (See Diagrams D + E)
4. Repeat Steps 1 and 2 for each of the splitters that are mounted on the Side Brackets. (See Diagrams D + E)

GETTING STARTED

Compatibility:

- D3-76FE, D3-76FN, D4-76FE, D4-76FN (rev. C)

Package Contents of BRK-LDR-D3-76FE-001

- (1) Main Bracket (Part BRK-LDR-D3-76FE-001-10)
- (2) 10-32 Serated Nut
- (16) 8-32 x 0.625 PANPHILSS Screws
- (16) Lock Washers, SS
- (1) Instruction Sheet

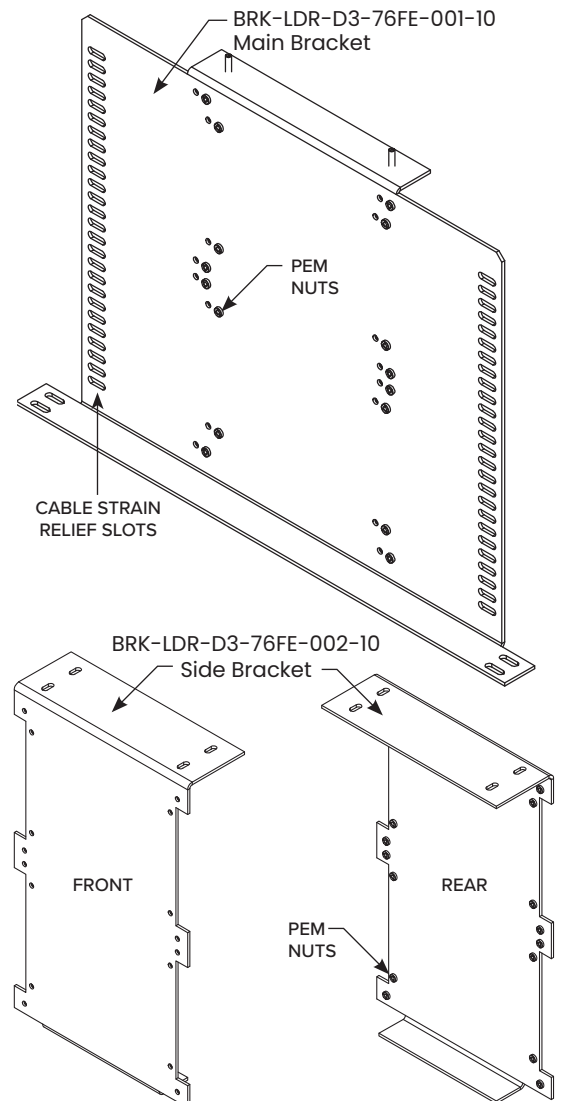
Package Contents of BRK-LDR-D3-76FE-002

- (1) Side Bracket (Part BRK-LDR-D3-76FE-002-10)
- (8) 8-32 x 0.625 PANPHILSS Screws
- (8) Lock Washers, SS
- (1) Instruction Sheet

Tools

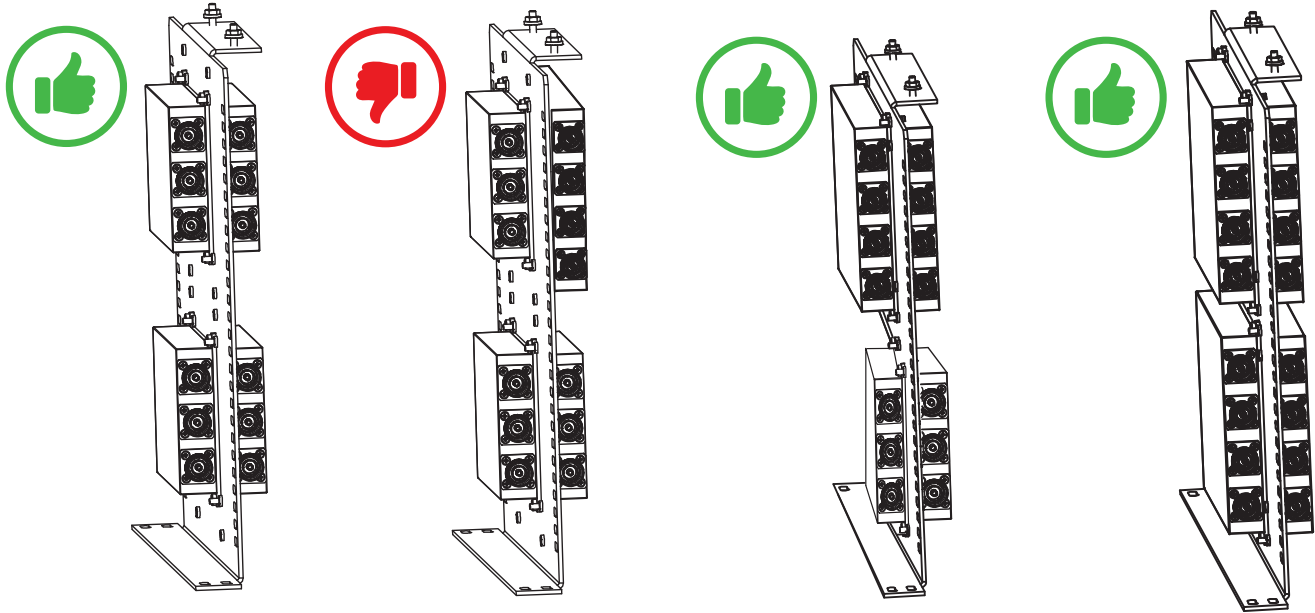
- Phillips-Head Screwdriver
- Adjustable Wrench

Diagram A | Brackets



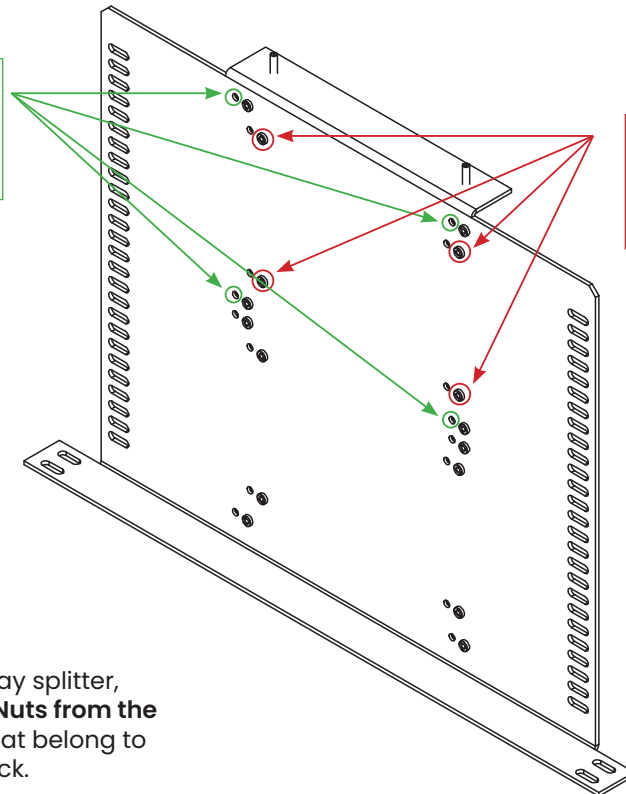
INSTALLATION INSTRUCTIONS

Mounting the D3-76 or D4-76 Series Splitters to the Brackets

Diagram B | Using Both 3-Way and 4-Way Splitters**Diagram C | Important Notes for Mounting 4-Way Splitters**

ALIGN THE THE 4-WAY SPLITTER MOUNTING HOLES ON THE SPLITTER WITH THOSE ON THE MAIN BRACKET.

REMOVE THE PEM NUTS FROM THE FRONT OF THE MAIN BRACKET THAT BELONG TO THE 3-WAY SPLITTER AT THE BACK.

**CAUTION:**

If you are installing the 4-way splitter, you must remove the PEM Nuts from the front of the Main Bracket that belong to the 3-way splitter at the back.

INSTALLATION INSTRUCTIONS

Mounting the D3-76 or D4-76 Series Splitters to the Brackets

rev. 1.0 | April 2025

Diagram D | 3-Way Splitter Mounting

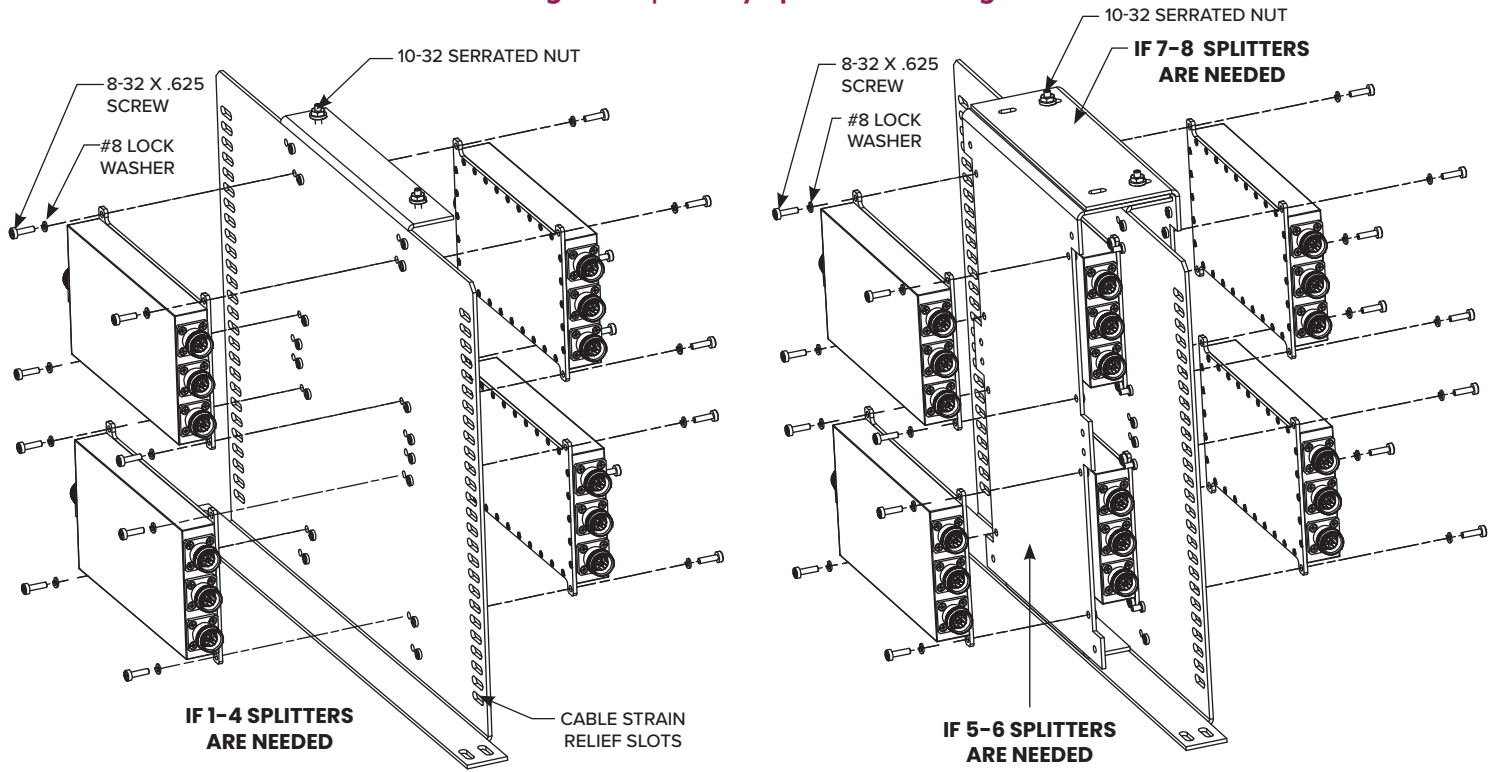
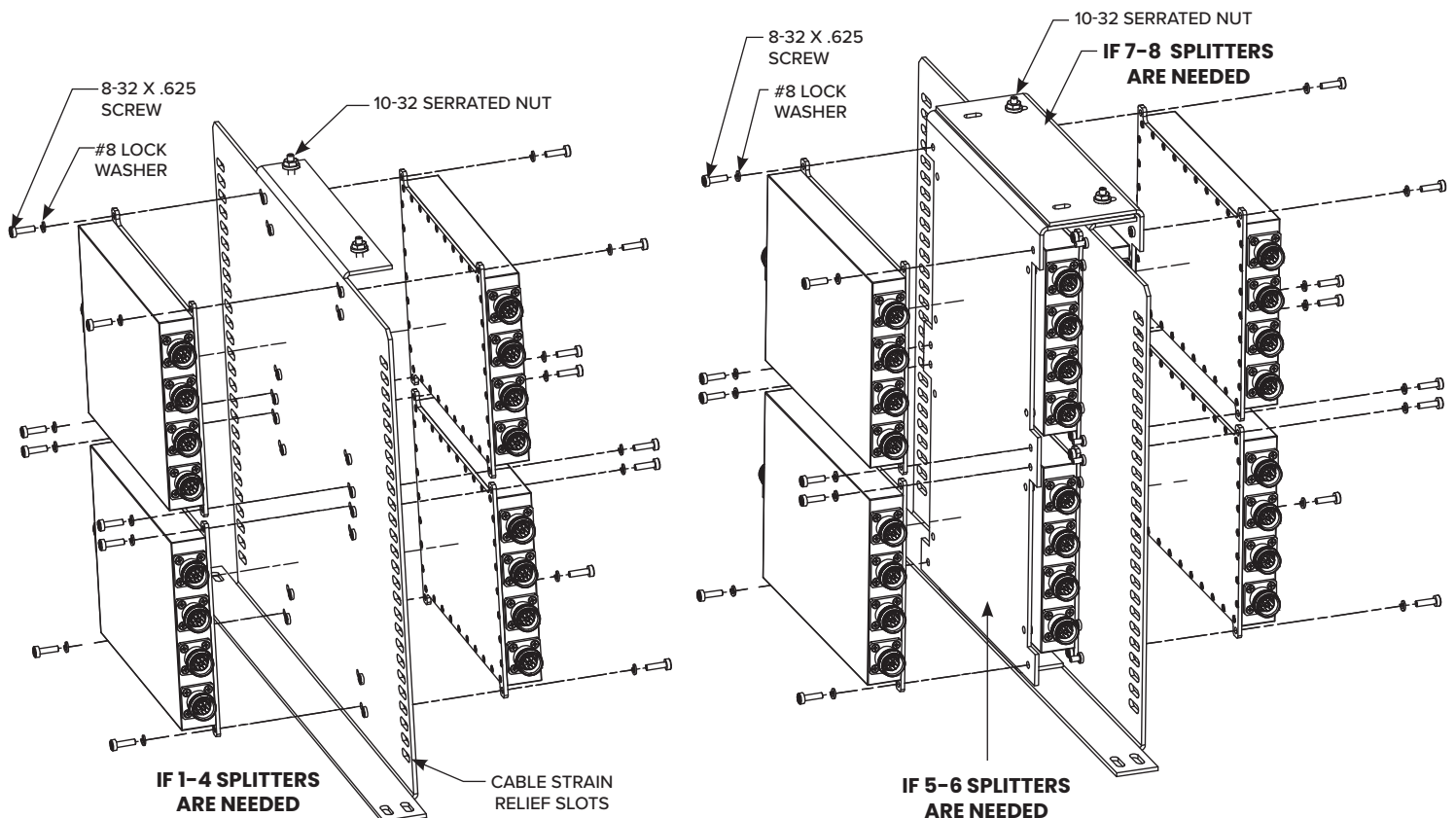
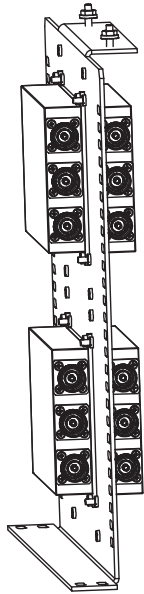
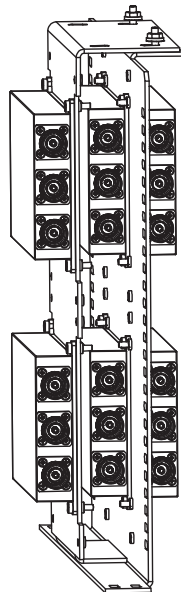
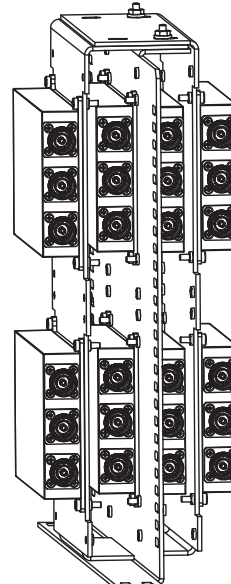
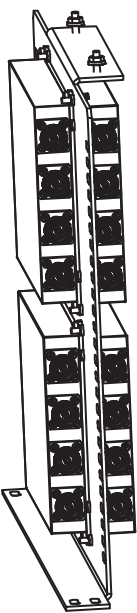
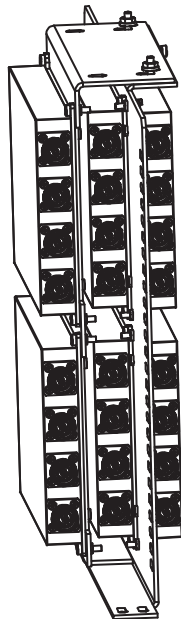
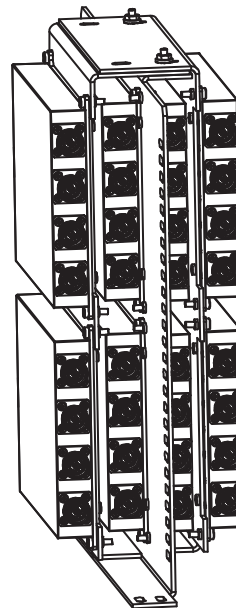


Diagram E | 4-Way Splitter Mounting



Step 3 Installing the Side Brackets(s) onto the Main Bracket

1. Attach the Side Brackets (if applicable) to the Main Bracket using 10-32 Serrated Nuts. (See Diagrams D + E)
2. Position the finished assembly in the installation location. (Diagram F)

Diagram F**3-WAY
1-4 SPLITTERS****3-WAY
5-6 SPLITTERS****3-WAY
7-8 SPLITTERS****4-WAY
1-4 SPLITTERS****4-WAY
5-6 SPLITTERS****4-WAY
7-8 SPLITTERS**