Pre-Fab Components and Assemblies

Faster Installation for Increased Profit Margin!

Pre-Assemblies

Paying to assemble outlet boxes, grounding pigtails, device covers and mounting brackets on the job site can quickly become an expensive proposition. Instead, choose Steel City® Pre-Assemblies and realize significant labor savings. This UL Listed product line includes over 75 combinations of popular boxes, brackets and covers that speed installation because the time-consuming assembly work is already done for you.

Steel City® Pre-Assemblies include:

- Outlet box with pre-installed grounding pigtail
- Your choice of cover options, including singleand double-device covers, raised ½", ¾" or ¾"
- Your choice of bracket options to allow mounting to steel and wood stud or floor track, including Steel City[®] Box Support Covers, which combine a bracket and cover in one component
- All UL Listed components



Box with Pre-Installed 10½" Pigtail

- Popular 4" square boxes and switch boxes
- Pre-installed 10½" insulated grounding pigtails
- Save on labor costs by eliminating multiple installation steps

Pre-Assembled Installation



Standard Installation

- Install box in desired location — DONE!
- 1. Purchase pre-stripped pigtail
- 2. Install pigtail and ground screw in box
- 3. Install box in desired location





CAT. NO.	BOX TYPE INCLUDED	KNOCKOUTS	PRE-INSTALLED PIGTAIL	STD. CTN.
521511234EWP	52151234EW — 4"-sq. x 1½" D Welded Box	Eccentric	10½"	50
521511234P	521511234 — 4"-sq. x 1½" D Drawn Box	1/2" & 3/4"	10½"	50
521711234EP	521711234E — 4"-sq. x 21/8" D Welded Box	1/2" & 3/4" Eccentric	10½"	50
52151XP	52151X — 4"-sq. x 1½" D Welded Box	1/2" & 3/4" Eccentric	10½"	50
52151CVNP	52151CVN — 4"-sq. x 1½" D Welded Box	1/2" & 3/4" Eccentric	10½"	25
LXWOWP	LXWOW-25 — 3"H x 2"W x 21/2" D Gangable Switch Box	1/2"	10½"	25
LXVP	LXV-25 — 3"H x 2"W x 2½" D Gangable Switch Box	1/2"	10½"	25
CXWOWP	CXWOW — 3"H x 2"W x 3½" D Gangable Switch Box	1/2" & 3/4"	10½"	25
CXWVP	CXWV — 3"H x 2"W x 3½" D Gangable Switch Box	1/2" & 3/4"	10½"	25
CXP	CX — 3"H x 2"W x 3½" D Gangable Switch Box	1/2" & 3/4"	10½"	25



Box with Pre-Installed 10½" Pigtail and Box Support Cover

- 52CM and 52CMD box support covers
- 10¹/₂" insulated pigtail
- · One- and two-device covers
- Raised 1/2", 5%" and 3/4"
- 11/2" and 21/8" box depths



52171-CM14-5/8

CAT. NO.	BOX Type Included	BOX Depth (In.)	PIGTAIL Type (NCLUDED	BOX SUPPORT Cover Included	RAISED (IN.)	NO. OF Devices	STD. CTN.
52151-CM13	521511234EW	1½	GSC12	52CM13	1/2	1	25
52151-CM14-5/8	521511234EW	1½	GSC12	52CM14-5/8	5/8	1	25
52151-CM14	521511234EW	11/2	GSC12	52CM14	3/4	1	25
52151-CMD17	521511234EW	11/2	GSC12	52CMD17	1/2	2	25
52151-CMD18-5/8	521511234EW	1½	GSC12	52CMD18-5/8	5∕8	2	25
52151-CMD18	521511234EW	11/2	GSC12	52CMD18	3/4	2	25
52171-CM13	521711234E	21/8	GSC12	52CM13	1/2	1	25
52171-CM14-5/8	521711234E	21/8	GSC12	52CM14-5/8	5∕8	1	25
52171-CM14	521711234E	21/8	GSC12	52CM14	3/4	1	25
52171-CMD17	521711234E	21/8	GSC12	52CMD17	1/2	2	25
52171-CMD18-5/8	521711234E	21/8	GSC12	52CMD18-5/8	5∕8	2	25
52171-CMD18	521711234E	21/8	GSC12	52CMD18	3/4	2	25



Box with Pre-Installed 10½" Pigtail, Raised Cover and Box-to-Stud Bracket

- SSF-SH2346 bracket
- 10½" insulated pigtail
- · One- and two-device covers
- Raised 1/2", 5/8" and 3/4"
- 11/2" and 21/8" box depths



CAT. NO.	BOX Type Included	BOX Depth (IN.)	PIGTAIL TYPE Included	BRACKET TYPE INCLUDED	COVER Type included	RAISED (IN.)	NO. OF DEVICES	STD. CTN.
151-SH2346-13	521511234EW	11/2	GSC12	SSF-SH2346	52-C-13	1/2	1	10
151-SH2346-1458	521511234EW	11/2	GSC12	SSF-SH2346	52-C-14-5/8	5/8	1	10
151-SH2346-14	521511234EW	11/2	GSC12	SSF-SH2346	52-C-14	3/4	1	10
151-SH2346-17	521511234EW	11/2	GSC12	SSF-SH2346	52-C-17-25	1/2	2	10
151-SH2346-1858	521511234EW	11/2	GSC12	SSF-SH2346	52-C-18-5/8-25	5/8	2	10
151-SH2346-18	521511234EW	11/2	GSC12	SSF-SH2346	52-C-18	3/4	2	10
171-SH2346-13	521711234E	21/8	GSC12	SSF-SH2346	52-C-13	1/2	1	10
171-SH2346-1458	521711234E	21/8	GSC12	SSF-SH2346	52-C-14-5/8	%	1	10
171-SH2346-14	521711234E	21/8	GSC12	SSF-SH2346	52-C-14	3/4	1	10
171-SH2346-17	521711234E	21/8	GSC12	SSF-SH2346	52-C-17-25	1/2	2	10
171-SH2346-1858	521711234E	21/8	GSC12	SSF-SH2346	52-C-18-5/8-25	1/8	2	10
171-SH2346-18	521711234E	21/8	GSC12	SSF-SH2346	52-C-18	3/4	2	10





United StatesTel: 901.252.8000
800.816.7809

Fax: 901.252.1354

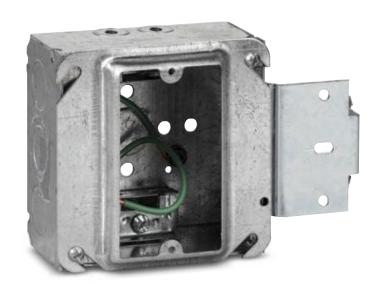
Technical Services
Tel: 888.862.3289

Thomas@Betts

Pre-Fab Components and Assemblies

MS Series Pre-Assemblies

- 4" square and 411/16" square boxes
- 11/2" deep or 21/8" deep
- Pre-installed 10½" insulated grounding pigtail
- Available with conduit KOs or clamps for flexible/ armored/MC cable
- · Save on labor costs by eliminating multiple installation steps



Pre-Assembled Installation

VS.

Standard Installation

1. Snap box — DONE!

- 1. Purchase pre-stripped pigtail
- 2. Install pigtail and ground screw in box
- 3. Mount box support cover to box
- 4. Mount assembly to stud

_	•
<i>7</i>	•
Ų	
•	-/
•	_

						_
BOX TYPE Included	BOX DEPTH (IN.)	PIGTAIL Included (in.)	BOX COVER Included	RAISED (IN.)	NO. OF Devices	STD. CTN.
52151-MS-1/2 3/4	1½	10½	52-C-13	1/2	1	25
52151-MS-1/2 3/4	1 ½	10½	52-C-14	3/4	1	25
52151-MS-1/2 3/4	1½	10½	52-C-14-5/8	5/8	1	25
52171-MS-1/2 3/4	21/8	10½	52-C-13	1/2	1	25
52171-MS-1/2 3/4	21/8	10½	52-C-14	3/4	1	25
52171-MS-1/2 3/4	21/8	10½	52-C-14-5/8	5/8	1	25
52171-MS-1/2 3/4	21/8	10½	52-C-18	3/4	2	25
52171-MS-1/2 3/4	21/8	10½	52-C-18-5/8-25	%	2	25
52171-MSX	21/8	10½	52-C-13	1/2	1	25
52171-MSX	21/8	10½	52-C-14	3/4	1	25
52171-MSX	21/8	10½	52-C-14-5/8	%	1	25
52171-MSX	21//8	10½	52-C-18	3/4	2	25
52171-MSX	21/8	101/2	52-C-18-5/8-25	5/8	2	25
72171-MS-1/2 3/4	21/8	10½	72-C-14	3/4	1	25
72171-MS-1/2 3/4	21/8	10½	72-C-14-5/8	%	1	25
72171-MS-1/2 3/4	21/8	10½	72-C-18	3/4	2	25
72171-MS-1/2 3/4	21/8	10½	72-C-18-5/8	%	2	25
72171-MS-1/2 3/4	21/8	10½	72-C-14	3/4	1	25
72171-MSX	21/8	101/2	72-C-14-5/8	5/8	1	25
72171-MS-1/2 3/4	21/8	10½	72-C-18	3/4	2	25
72171-MS-1/2 3/4	21//8	10½	72-C-18-5/8	\$/8	2	25
	52151-MS-1/2 3/4 52151-MS-1/2 3/4 52151-MS-1/2 3/4 52151-MS-1/2 3/4 52171-MS-1/2 3/4 52171-MS-1/2 3/4 52171-MS-1/2 3/4 52171-MS-1/2 3/4 52171-MS-1/2 3/4 52171-MSX 52171-MSX 52171-MSX 52171-MSX 52171-MSX 72171-MS-1/2 3/4	INCLUDED DEPTH (IN.) 52151-MS-1/2 3/4 1½ 52151-MS-1/2 3/4 1½ 52151-MS-1/2 3/4 1½ 52171-MS-1/2 3/4 2½ 52171-MSX 2½ 52171-MSX 2½ 52171-MSX 2½ 52171-MSX 2½ 52171-MSX 2½ 52171-MSX 2½ 72171-MS-1/2 3/4 2½	INCLUDED DEPTH (IN.) INCLUDED (IN.) 52151-MS-1/2 3/4 1½ 10½ 52151-MS-1/2 3/4 1½ 10½ 52151-MS-1/2 3/4 1½ 10½ 52171-MS-1/2 3/4 2½ 10½ 52171-MSX 2½ 10½ 72171-MS-1/2 3/4 2½ 10½ <t< td=""><td> NCLUDED DEPTH (IN.) INCLUDED (IN.) INCLUDED </td><td>INCLUDED DEPTH (IN.) INCLUDED (IN.) INCLUDED (IN.) 52151-MS-1/2 3/4 1½ 10½ 52-C-13 ½ 52151-MS-1/2 3/4 1½ 10½ 52-C-14 ¾ 52151-MS-1/2 3/4 1½ 10½ 52-C-14-5/8 % 52171-MS-1/2 3/4 2½ 10½ 52-C-18-5/8-25 % 52171-MS-1/2 3/4 2½ 10½ 52-C-18-5/8-25 % 52171-MSX 2½ 10½ 52-C-13 ½ 52171-MSX 2½ 10½ 52-C-14 ¾ 52171-MSX 2½ 10½ 52-C-18 ¾<!--</td--><td> NCLUDED DEPTH (IN.) INCLUDED (IN.) INCLUDED (IN.) DEVICES </td></td></t<>	NCLUDED DEPTH (IN.) INCLUDED (IN.) INCLUDED	INCLUDED DEPTH (IN.) INCLUDED (IN.) INCLUDED (IN.) 52151-MS-1/2 3/4 1½ 10½ 52-C-13 ½ 52151-MS-1/2 3/4 1½ 10½ 52-C-14 ¾ 52151-MS-1/2 3/4 1½ 10½ 52-C-14-5/8 % 52171-MS-1/2 3/4 2½ 10½ 52-C-18-5/8-25 % 52171-MS-1/2 3/4 2½ 10½ 52-C-18-5/8-25 % 52171-MSX 2½ 10½ 52-C-13 ½ 52171-MSX 2½ 10½ 52-C-14 ¾ 52171-MSX 2½ 10½ 52-C-18 ¾ </td <td> NCLUDED DEPTH (IN.) INCLUDED (IN.) INCLUDED (IN.) DEVICES </td>	NCLUDED DEPTH (IN.) INCLUDED (IN.) INCLUDED (IN.) DEVICES



Box with Pre-Installed 10½" Pigtail, Raised Cover and Vertical Mounting Bracket

- 12" (SSF-SV12) or 18" (SSF-SV18) vertical mounting bracket
- 101/2" insulated pigtail
- · One- and two-device covers
- Raised 1/2", 5/8" and 3/4"
- 11/2" and 21/8" box depths

Pre-Assembled Installation

VS.

Standard Installation

- 1. Mount assembly to floor stud DONE!
- 1. Purchase pre-stripped pigtail
- 2. Install pigtail and ground screw in box
- 3. Insert box into vertical bracket
- 4. Insert device cover to vertical bracket
- 5. Mount assembly to floor stud



151-SV18-13

151-SV12-13



CAT. NO.	BOX Type Included	BOX Depth (IN.)	PIGTAIL Type Included	BRACKET Type Included	COVER Type Included	RAISED (IN.)	NO. OF Devices	STD. CTN.
51-SV12-13	521511234EW	11/2	GSC12	SSF-SV12	52-C-13	1/2	1	10
51-SV12-1458	521511234EW	11/2	GSC12	SSF-SV12	52-C-14-5/8	1/8	1	10
51-SV12-14	521511234EW	11/2	GSC12	SSF-SV12	52-C-14	3/4	1	10
51-SV12-17	521511234EW	11/2	GSC12	SSF-SV12	52-C-17-25	1/2	2	10
51-SV12-1858	521511234EW	11/2	GSC12	SSF-SV12	52-C-18-5/8-25	1/8	2	10
51 -SV 12-18	521511234EW	11/2	GSC12	SSF-SV12	52-C-18	3/4	2	10
71-SV12-13	521711234E	21/8	GSC12	SSF-SV12	52-C-13	1/2	1	10
71-SV12-1458	521711234E	21/8	GSC12	SSF-SV12	52-C-14-5/8	⅓	1	10
71-SV12-14	521711234E	21/8	GSC12	SSF-SV12	52-C-14	3/4	1	10
71-SV12-17	521711234E	21/8	GSC12	SSF-SV12	52-C-17-25	1/2	2	10
71-SV12-1858	521711234E	21/8	GSC12	SSF-SV12	52-C-18-5/8-25	%	2	10
71-SV12-18	521711234E	21/8	GSC12	SSF-SV12	52-C-18	3/4	2	10
51- SV 18-13	521511234EW	11/2	GSC12	SSF-SV18	52-C-13	1/2	1	10
51-SV18-1458	521511234EW	11/2	GSC12	SSF-SV18	52-C-14-5/8	%	1	10
51-SV18-14	521511234EW	11/2	GSC12	SSF-SV18	52-C-14	3/4	1	10
151 -SV 18-17	521511234EW	11/2	GSC12	SSF-SV18	52-C-17-25	1/2	2	10
51- SV 18-1858	521511234EW	11/2	GSC12	SSF-SV18	52-C-18-5/8-25	1/8	2	10
51- SV 18-18	521511234EW	11/2	GSC12	SSF-SV18	52-C-18	3/4	2	10
71- SV 18-13	521711234E	21/8	GSC12	SSF-SV18	52-C-13	1/2	1	10
71-SV18-1458	521711234E	21/8	GSC12	SSF-SV18	52-C-14-5/8	⅓	1	10
71-SV18-14	521711234E	21/8	GSC12	SSF-SV18	52-C-14	3/4	1	10
71-SV18-17	521711234E	21/8	GSC12	SSF-SV18	52-C-17-25	1/2	2	10
71-SV18-1858	521711234E	21/8	GSC12	SSF-SV18	52-C-18-5/8-25	⅓	2	10
71- SV 18-18	521711234E	21/8	GSC12	SSF-SV18	52-C-18	3/4	2	10

Fax: 901.252.1354

Pre-Fab Components and Assemblies

UL® Listed Adjustable Mud Ring now available in both singleand two-gang.

Adjustable Mud Rings

Mud Rings feature an inner ring that adjusts from 1/2" to 1/2" in depth to accommodate various drywall thicknesses. Marked with a measured rule and equipped with two adjustment screws, the inner ring can be set to the anticipated depth prior to installation and then easily adjusted after drywall installation to accommodate any variation in depth (½" to 1½").











Wedge Locking Blocks Designed to ensure grounding continuity



Adjustable Mud Ring Installation/Adjustment Steps:



Loosen... The two adjustment screws located on opposing corners of the mud ring.



Adjust... Inner ring to be flush with wall surface.



Re-tighten... Adjustment screws.

CAT. NO.	DESCRIPTION	STD. CTN.
52-C-ADJ	Single-Gang Adjustable Mud Ring, ½" to 1½"	25
52-C-ADJ2	Two-Gang Adjustable Mud Ring, ½" to 1½"	20

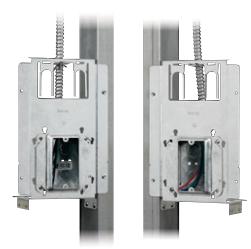


Three Products in One!

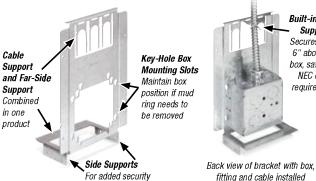
Pre-Fab Box Bracket with Far-Side and Cable Support

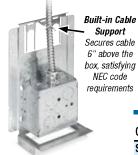
The savings can add up, particularly on a large job, when a box bracket, far-side support and cable support are combined in one product to reduce your labor and inventory costs. It is designed for maximum flexibility with flanges for either left or right stud mount, and compatibility with either 4" and 411/16" boxes.

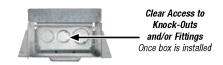
- Box bracket, far-side support and cable support combined in one product to reduce your labor and inventory costs
- Built-in cable support secures cable 6" above the box, satisfying NEC® code requirements
- Flexible design accommodates both 4" and 411/16" boxes
- Kev-hole box mounting slots maintain box position if mud ring needs to be removed
- Provides clear access to knock-outs once the box is installed for installation of fittings
- · Mounts to either side of the stud



Can be mounted either left or right of the stud







Bottom view of bracket with hox installed

CAT. NO.	DESCRIPTION	STD. PKG. QTY.
SSF-SH2346-CS	Pre-Fab Box Bracket with Far-Side and Cable Support	50

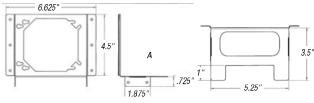
NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Mounting Bracket

- Attaches 4" and 4¹½6" electrical boxes to metal stud
- Support leg can be attached to stud to eliminate movement of box in wall
- Attaches to metal or wood stud using self-tapping screws and screw gun or nails
- One part mounts boxes for 1½", 2½", 3½", 4" and 6" stud which means less inventory

		STD.
CAT. NO.	DESCRIPTION	CTN.
SSF-SH2346	4" & 411/16" outlet boxes to 21/2", 31/2", 4" & 6" metal studs	100







United States

Tel: 901.252.8000 800.816.7809 Fax: 901.252.1354 **Technical Services** Tel: 888.862.3289



Pre-Fab Components and Assemblies

Box Mounting Brackets for Between Studs

- Supports electrical boxes, plaster rings or low-voltage devices from one bracket
- Accommodates 4" or 4¹¹/₁₆" boxes
- · Bendable leg serves as a bracket stabilizer
- · SB brackets allow box mounting in all four 90° orientations

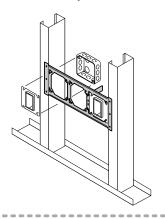




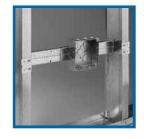
Fig. 1

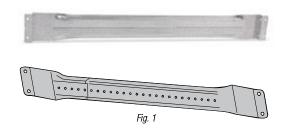


CAT. NO.	FIG. No.	DESCRIPTION	STD. CTN.
SSF-SB16	1	Box mounting bracket for between studs, 16" stud spacing	25
SSF-SB24	2	Box mounting bracket for between studs, 24" stud spacing	25

Screw-Gun Box Bracket

- Self-tapping screws are aligned with the dimples so that the box is straight
- · Enables mounting of multiple boxes
- Depth set for 1½"- or 2½"-deep electrical box
- Installs easily with a screw gun
- SGA brackets have adjustable tabs for 1½"- or 2½"-deep boxes
- SGA brackets adjustable for non-standard stud spacing





CAT. NO.	FIG. NO.	DESCRIPTION	STUD Spacing	BOX Depth	STD. CTN.
SSF-SG16A	1	Adjustable box bracket	11"–18"	1½" or 2½"	50
SSF-SG24A	1	Adjustable box bracket	17"-26"	1½" or 2½"	50

Extension-Plate Bracket

- Improved bracket with bendable stabilizer leg for use on 2½" and 3½" metal studs
- Mounts outlet boxes 12" or 18" offset from either a metal stud track or a stud
- When mounted, drywall ring is brought to within ½" of drywall every time and will not bulge or break out drywall
- Mounts 4" or 4¹/₁₆" outlet boxes, 1½" or 2½" deep
- SV18 provides compliance with Americans with Disabilities Act (ADA) requirements



CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
SSF-SV12	1	Extension plate bracket, 12" height	50
SSF-SV18	1	Extension plate bracket, 18" height	50

Fig. 1



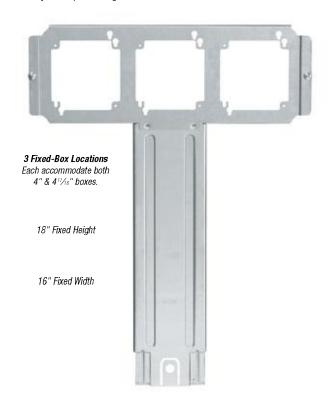
Tel: 901.252.8000 800.816.7809 Fax: 901.252.1354



Consistent Box Locations and Box Height...Every Time!

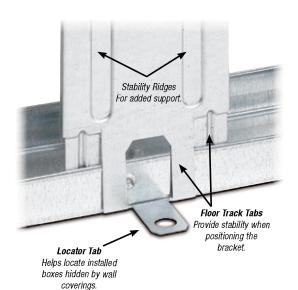
Pre-Fab T Bracket

Consistency results in efficiency and labor savings on the job. With three fixed-box locations and a fixed height of 18", the new Steel City® Pre-Fab T Bracket provides a consistent installation every time. For added efficiency, the bracket includes integral mounting screws that help reduce installation time. A handy locator tab at the base of the bracket saves you the time of looking for installed boxes that have been hidden by wall coverings. The base also features unique floor track tabs. The inner tab slides in front of the floor track and the two outer tabs slide behind the floor track to provide stability when positioning the bracket.



Pre-Fab Box Bracket with Far-Side and Cable Support

		•
CAT. NO.	DESCRIPTION	STD. CTN.
H16V18S	Pre-Fab T Bracket	10



Integral Mounting Screws Reduce installation time. Key Hole Slots Mud Ring Mounting Screw Holes Maintain box position For low-voltage applications if mud ring is removed. where no box is required.



Pre-Fab Components and Assemblies

Easily Pre-Assembled Off Site for Faster Installation On Site!

Pre-Fabricated Components

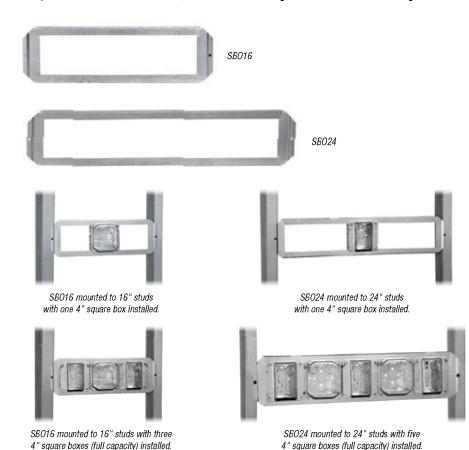
Rather than assembling box mounting brackets and device covers on site, keep an eye on profit and use Steel City® Pre-Fab Components to set up jobs off site for a quick and easy installation on site. They accommodate a wide variety of Steel City covers and they're readily available for fast-track projects.

- Ideal for use in hotels, casinos, hospitals, large office buildings and any other commercial or institutional application where rough-in products can be pre-fabricated to match floor plans for quicker on-site installation
- Items readily available for fast-track projects

 no special lead time required
- All products are UL approved and meet applicable building codes

SB016 and SB024 Stud-to-Stud Horizontal Mounting Brackets

- · Constructed of 24-gauge steel
- Pre-measured on center for 16" (SB016) or 24" (SB024) stud spacing
- SB016 accepts three 4" square or two 4¹¹/₁₆" boxes (deep or shallow)
- SB024 accepts five 4" square or four 411/16" boxes (deep or shallow)
- Can be mounted at any height to meet individual project requirements
- Versatile, open design enables mounting of box in any location across horizontal plane between studs
- Device cover (mud ring) mounts to front of bracket to set box in desired location
- Stamped rule on bracket with ¼", ½" and 1" markings enables fast box setting





United States

CAT. NO.

SB016

SB024

Tel: 901.252.8000 800.816.7809 Fax: 901.252.1354 Technical Services
Tel: 888.862.3289

16" stud-to-stud horizontal mounting bracket

24" stud-to-stud horizontal mounting bracket

DESCRIPTION

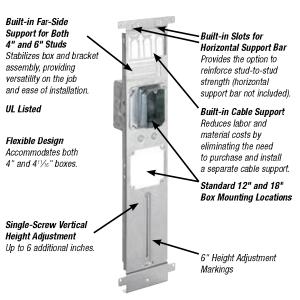


STD. CTN.

25

25

VAFB Vertically Adjustable Floor Brackets



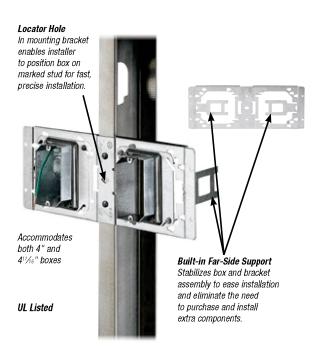






CAT. NO.	DESCRIPTION	STD. CTN.
VAFB	Pre-Fab Vertically Adjustable Floor Bracket	10

DBB1 Dual-Box Mounting Bracket







Power on Both Sides of the Stud



Low Voltage on Both Sides of the Stud



Power Left of Stud and Low Voltage Right of the Stud



Power and Low Voltage on the Same Side of the Stud

CAT. NO.	DESCRIPTION	STD. CTN.
DBBI	Pre-Fab Dual-Box Bracket	50



United States

Tel: 901.252.8000 800.816.7809 Fax: 901.252.1354 **Technical Services** Tel: 888.862.3289



Pre-Fab Components and Assemblies

Meet Code Requirements for Supporting and Securing Installed MC Cable.

Cable Support Bracket

- Provides a simple means of complying with NEC[®] 330.30 requirements for securing and supporting MC cable
- Quick and easy locking tab snaps through slot to secure cable
- Ribs maintain separation of cables
- · Durable steel construction retains integrity
- · Versatile design use with Romex or MC cable
- UL Listed



		_
CAT. NO.	DESCRIPTION	STD. CTN.
CSB1	Cable Support Bracket	100

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

