

Carlton® Structured Cable Management Systems



Carlton®. Leading the way
in making low voltage cabling
installation faster and easier.

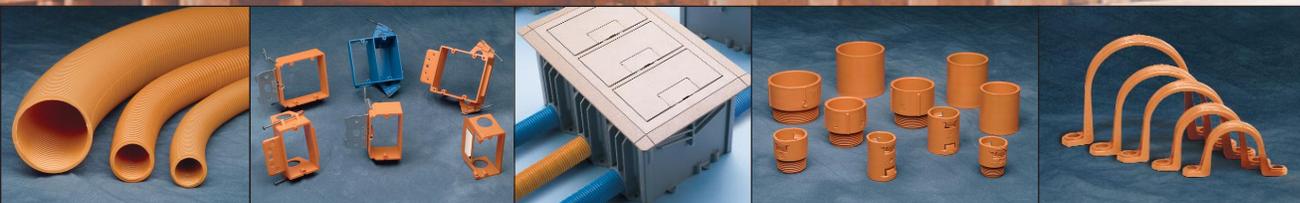
Carlton has long been an innovator in electrical and telecommunication cable management systems designed to make commercial and residential cable installation faster and easier. Now we're doing the same for low voltage applications with our complete family of Carlton Structured Cable Management Systems for low voltage residential applications — both new construction and retrofit. Whether your cable management needs are limited to individual components or require a complete system solution, Carlton offers the family of products you need to organize and protect your structured cable investment.

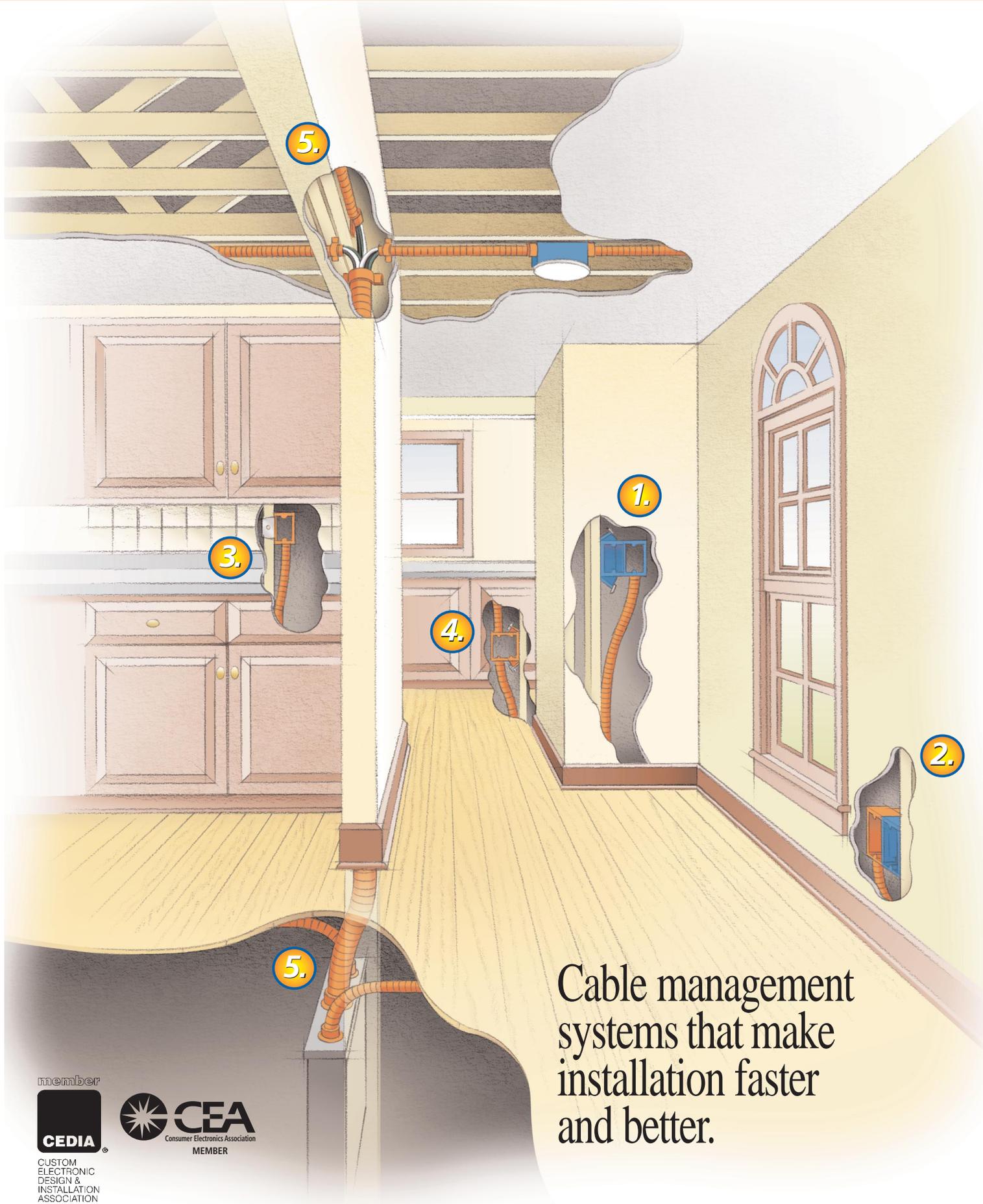
From the most basic job to the most sophisticated structured cable installations for multi-million dollar homes, our structured cable management systems are designed to save you time, money, and effort. Whether you are working alone, or with an electrical contractor, Carlton provides you an exclusive and easily identifiable structured cable management solution that will make your installation professional, attractive and easy to service.

Within this family, you'll find a wide array of cabling boxes and brackets, flexible raceway, floor boxes, fittings and accessories. Plus some innovative new products designed to change your thinking on how you approach low voltage work. All with a distinctive orange color that clearly marks them as structured cabling components. Just take a closer look for yourself. If you like the idea of getting your work done smarter and faster, you're going to like the Carlton solution.



Carlton®
Structured Cable Management Systems





Cable management systems that make installation faster and better.

member



CUSTOM ELECTRONIC DESIGN & INSTALLATION ASSOCIATION



Coming Soon!

1.



Dual Voltage Box/Bracket

Here's a smart alternative where you would normally use separate high and low voltage boxes. Designed to fit a standard two-gang faceplate, this component combines an electrical box and low voltage bracket into a single unit for fast, easy installation. No alignment tools are required, and easy nail-on mounting provides precise placement and a professional finished appearance. Resi-Rings accept 3/4" Resi-Gard only.

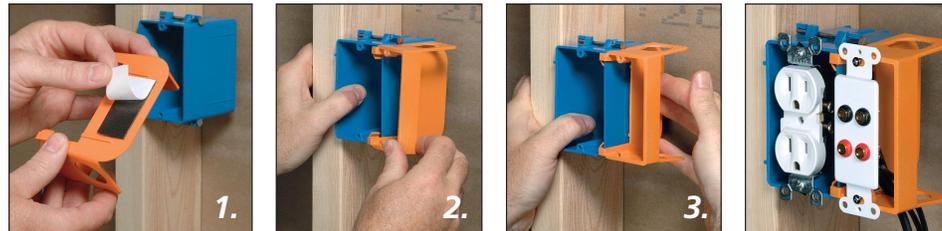


Why waste time mounting, then trying to line up separate high voltage and low voltage boxes, and still end up with something not quite right? Our Dual Voltage Box/Bracket lets you do it all in one fast, easy step with perfect alignment every time.

Low Voltage Add-On Bracket

This low voltage bracket provides a low voltage outlet next to a previously installed high voltage outlet. Great for both new construction and rework, it attaches easily to most electrical boxes, and is designed to fit a standard two-gang faceplate. Resi-Rings accept 3/4" Resi-Gard only.

2.



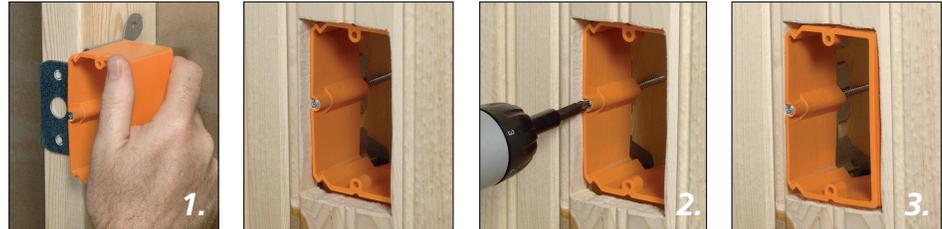
Attaching the Add-On Bracket is a "snap." You just remove the back of the double-sided tape (1), clip the bracket in place (2), and press on the bracket to secure it against the box (3).

3.



Low Voltage Adjustable Brackets

Our Low Voltage Adjustable Brackets are the perfect solution for tile, paneling, or stucco. A bracket allows for quick, easy stud mounting, and a turn of the screw adjusts to any wall thickness. It's great for retrofit/installation upgrades. Replace the single-gang bracket with a two-gang bracket, or switch services to a high-voltage Adjust-A-Box™.



Our Low Voltage Adjustable Brackets simplify installation with tile, paneling, or stucco to save you time and effort. Just use the quick-mount bracket to clip it to the stud (1), add a screw for extra support if you want it (2), then use the adjustment screw to accommodate wall thickness (3). Also available in a two-gang version.

Low Voltage Brackets

Here's the fast installation choice where only low voltage is required. Designed to fit a standard one- or two-gang faceplate, these low voltage brackets feature an easy nail-on mounting or screw-in bracket, while a hard shell provides increased durability and no racking. Resi-Rings accept 3/4" Resi-Gard only.

4.



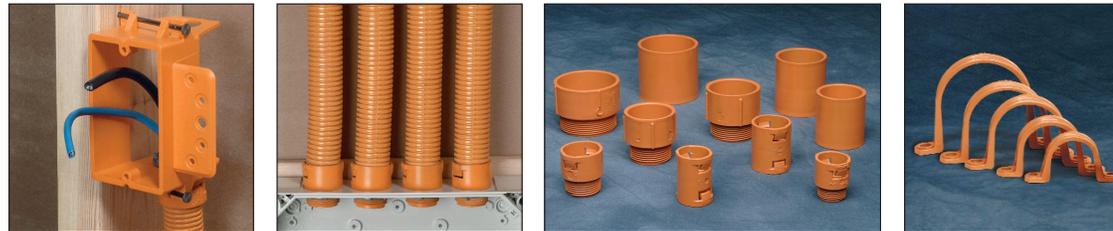
Our Low Voltage Brackets are open-backed to easily accommodate the bend radiuses required for low voltage cabling and deep devices such as volume controls, while molded-in ports make it easy to connect flexible raceway for future-proofing. Or you can use them to tie off cable to the bracket. They can also be attached to wood or steel studs.

5.



Resi-Gard™ Flexible Raceway And Fittings

Available in 5 sizes from 3/4" to 2", with factory installed pull tape in sizes 1" to 2", our Resi-Gard Flexible Raceway provides a main chase from the main distribution panel to a secondary hub in the attic or basement. Ideal for easy access to add cable or service upgrades, or leave empty for future expansion.



Our complete line of quick-connect couplings, adapters, cable clips, conduit clamps, and solvent cement make for quick, easy professional installation of Resi-Gard Flexible Raceway.

Resi-Gard™ Flexible Raceway

Ideal for providing a main chase from the main distribution panel to a secondary hub in the attic or basement, Resi-Gard nonmetallic flexible raceway is available in 3/4" to 2" diameter sizes with factory installed pull tape in sizes 1" to 2". The raceway is hand bendable, lightweight and easily cut to length to reduce scrap. Bright orange color clearly signifies a low voltage installation.



Standard Length Coils

| Size | Pull Tape | Part No. | Coil Length | Prod. Wt. (lbs.) Coil |
|--------|-----------|-------------|-------------|-----------------------|
| 3/4" | Empty | SCE4X1-100 | 100 | 11.5 |
| 1" | 900 lbs. | SCF4X1C-100 | 100 | 17.9 |
| 1 1/4" | 900 lbs. | SCG4X1C-100 | 100 | 21.5 |
| 1 1/2" | 900 lbs. | SCH4X1C-50 | 50 | 11.2 |
| 2" | 900 lbs. | SCJ4X1C-50 | 50 | 13.4 |

Standard Length Reels

| Size | Pull Tape | Part No. | Reel Length | Prod. Wt. (lbs.) Reel |
|------|-----------|--------------|-------------|-----------------------|
| 3/4" | Empty | SCE4X1-1000 | 1000 | 115.0 |
| 1" | 900 lbs. | SCF4X1C-1500 | 1500 | 268.5 |
| 2" | 900 lbs. | SCJ4X1C-500 | 500 | 133.5 |

Resi-Gard™ Fittings

A complete line of Carlon one-piece quick connect couplings, threaded adapters, and snap-in terminator adapters are available for quick, easy professional installation of Resi-Gard Flexible Raceway.



Quick Connect Coupling

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|------|----------------|----------------------|
| SCA240E | 3/4" | 25 | .783 |
| SCA240F | 1" | 20 | .972 |



Quick Connect Threaded Adapter

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|------|----------------|----------------------|
| SCA243E | 3/4" | 25 | .633 |
| SCA243F | 1" | 20 | .778 |

Quick Connect Snap-In Adapter

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|------|----------------|----------------------|
| SCA253E | 3/4" | 25 | .783 |
| SCA253F | 1" | 20 | .918 |



Male Terminal Adapter*

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|--------|----------------|----------------------|
| SCE943G | 1 1/4" | 50 | 3 |
| SCE943H | 1 1/2" | 25 | 2.5 |
| SCE943J | 2" | 50 | 6.8 |



Standard Couplings*

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|--------|----------------|----------------------|
| SCE940G | 1 1/4" | 30 | 3.5 |
| SCE940H | 1 1/2" | 25 | 3.9 |
| SCE940J | 2" | 30 | 5.2 |

* Must be cemented to Resi-Gard™ Flexible Raceway using ONLY Resi-Gard Solvent Cement

Structured Cabling Boxes and Brackets

Coming Soon!



UL
LISTED
E42728

SC200DV

Dual Voltage Box/Bracket

with 3/4" Resi-Rings

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|--------|----------------|----------------------|
| SC200DV | 1-Gang | 16 | 6.4 |

Low Voltage Add-On Bracket

with 3/4" Resi-Rings

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|--------|----------------|----------------------|
| SC100SC | 1-Gang | 24 | 2.3 |



SC100SC

UL US
LISTED
E216492



UL US
LISTED
E216492

SC100ADJC

Low Voltage Adjustable Brackets

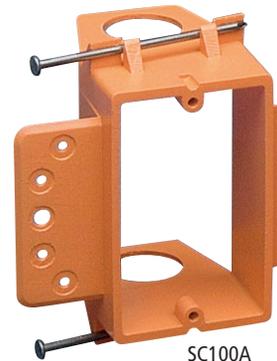
| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|-----------|--------|----------------|----------------------|
| SC100ADJC | 1-Gang | 24 | 7.5 |
| SC200ADJC | 2-Gang | 20 | 6.9 |

*Low Voltage Brackets

with 3/4" Resi-Rings

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|--------|----------------|----------------------|
| SC100A | 1-Gang | 24 | 5.3 |
| SC200A | 2-Gang | 24 | 7.7 |

*U.S. Patent D457,140S



SC100A

UL US
LISTED
E216492



UL US
LISTED
E42728

SCA410

Mud Ring (4" sq. 1/2" Raised Cover)

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|--------|----------------|----------------------|
| SCA410 | 1-Gang | 20 | 1.54 |

Cable Clips

Carlson's cable clips with pre-installed nails provide fast and easy installation for either a single cable, 2-3 cables, or 1 bundled cable.

| Size | Part No. | Standard Order Quantity | Std. Ctn. Wt. (lbs.) | Std. Ctn. Qty. |
|------|----------|-------------------------------------|----------------------|----------------|
| 1/4" | SC14CC | 1 ea. (Equals one bag of 100 Clips) | 2.23 | 10 Bags of 100 |
| 1/2" | SC12CC | 1 ea. (Equals one bag of 25 Clips) | 2.31 | 10 Bags of 25 |
| 3/4" | SC34CC | 1 ea. (Equals one bag of 10 Clips) | 2.96 | 20 Bags of 10 |



Conduit Clamps

Carlson's orange conduit clamps are designed specifically for the installation of Resi-Gard.

| Size | Part No. | Standard Order Quantity | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|--------|----------|------------------------------------|----------------|----------------------|
| 3/4" | SCE977EC | 1 ea. (Equals one bag of 5 Clamps) | 20 Bags of 5 | 1.5 |
| 1" | SCE977FC | 1 ea. (Equals one bag of 5 Clamps) | 12 Bags of 5 | 1.3 |
| 1 1/4" | SCE977GC | 1 ea. (Equals one bag of 5 Clamps) | 8 Bags of 5 | 1.1 |
| 1 1/2" | SCE977HC | 1 ea. (Equals one bag of 5 Clamps) | 6 Bags of 5 | 1.0 |
| 2" | SCE977JC | 1 ea. (Equals one bag of 5 Clamps) | 6 Bags of 5 | 1.5 |



NOTE: Each clamp requires 2 screws, 2 nuts, and/or 2 bolts

Resi-Gard™ Solvent Cement

Resi-Gard Solvent Cement is ideal for easy, tight installation of all Resi-Gard flexible nonmetallic raceway and fittings and accessories. Available in pint sizes with convenient brush top applicator.

| Part No. | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|----------------|----------------------|
| VC9963SC | 24 | 28.6 |



Resi-Gard™ Cutters

Carlson's Kwikcut Cutter is ideal for fast, smooth field cuts for up to 1" diameter Resi-Gard nonmetallic flexible raceway. Carlson's Large PVC Cutter is ideal for cuts up to 2" diameter nonmetallic rigid and flexible raceway.

Kwikcut Cutter

For fast, smooth field cuts of 1/2" through 1" innerduct.



| Part No. | Size | Std. Ctn. Qty. |
|----------|------|----------------|
| CC120B | 8" | 10 |

Large Cutter

For clean cuts of conduit 1/2" through 2".



| Part No. | Size | Std. Ctn. Qty. |
|----------|---------|----------------|
| CC122 | 17 1/2" | 1 |

Round Floor Box and Covers

Carlon Round Floor Boxes let you combine power, data, and communications in the same box to dramatically reduce your installation time and cost compared to other nonmetallic boxes. A choice of solid brass covers plus a wide range of high impact resistant thermoplastic covers offers compatibility with standard NEMA single, duplex, or GFCI receptacles and 1 1/4" NPS applications.



Main Base

Floor Box Base – Grey

| Part No. | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|----------------|----------------------|
| E971FB | 10 | 15.6 |

Multi-Service Divider Kit – Grey

| Part No. | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|----------------|----------------------|
| E973K | 10 | 3 |

3/4" Y-Fitting – Grey

| Part No. | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|----------------|----------------------|
| ** E972Y | 10 | 2 |

*UL Listed

Metal Cover Adapter – Grey

| Part No. | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|-----------|----------------|----------------------|
| ► E97ABR2 | 10 | 3.3 |

Cover Ring – Clear

| Part No. | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|-------------|----------------|----------------------|
| ** ► E97CCR | 10 | 1.1 |

*Accepts 3 7/8" diameter plates

Reducer Plugs

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|-------------|----------------|----------------------|
| E971C | 3/4" x 1/2" | 100 | 2.1 |
| E971D | 1" x 3/4" | 100 | 3.2 |



Covers

Brass Duplex/GFCI Cover

| Part No. | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|----------------|----------------------|
| ► E97BR | 5 | 7 |

Nonmetallic Covers with 1 1/4" NPS Opening

| Part No. | Color | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|-----------|---------|----------------|----------------------|
| ► E97SSRS | Slate | 10 | 3.8 |
| ► E97SSRB | Brown | 10 | 3.8 |
| ► E97SSRC | Caramel | 10 | 3.8 |

Brass 1 1/4" NPS/Single Receptacle Cover

| Part No. | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|----------------|----------------------|
| ► E97BRG | 5 | 7.5 |

Nonmetallic Designer Series Duplex Receptacle Flush Mount Covers

| Part No. | Color | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|---------|----------------|----------------------|
| ► E97DSB | Brown | 10 | 5.8 |
| ► E97DSC | Caramel | 10 | 5.7 |
| ► E97DSI | Ivory | 10 | 5.2 |
| ► E97DSS | Slate | 10 | 5.6 |
| ► E97DST | Taupe | 10 | 5.7 |

Rectangular Floor Box and Covers



Compared to metal boxes, Carlon Rectangular Floor Boxes cost less and install faster to save you money on every job. Three-in-one power, data, and communications capability cuts installation time and cost even more, while simple one-, two-, and three-gang modularity gives you the flexibility, installation ease, and cost savings no other nonmetallic boxes can match. Cover options include solid brass or thermoplastic (brown, slate, and caramel).

Main Base

Rectangular Floor Box – Grey

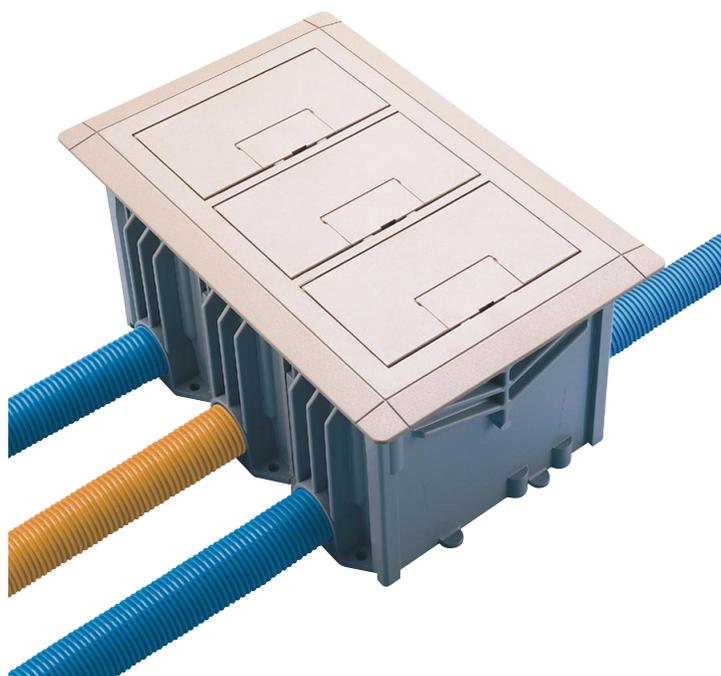
| Part No. | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|----------------|----------------------|
| E976RFB | 3 | 7 |

Rectangular Floor Box Activation Kit

| Part No. | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|----------------|----------------------|
| E976AK2 | 3 | 1.3 |

Reducer Plugs

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|-------------|----------------|----------------------|
| E971C | 3/4" x 1/2" | 100 | 2.1 |
| E971D | 1" x 3/4" | 100 | 3.2 |



Covers

Brass

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|-------------|----------------|----------------------|
| E9761BR | Single-Gang | 3 | 7.0 |
| E9762BR | Double-Gang | 3 | 10.0 |
| E9763BR | Triple-Gang | 3 | 12.0 |

Nonmetallic Cover/Carpet Flange

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|-------------|----------------|----------------------|
| E9761* | Single-Gang | 3 | 1.7 |
| E9762* | Double-Gang | 9 | 8.5 |
| E9763* | Triple-Gang | 6 | 7.5 |

*Add suffix for color: B = Brown, C = Caramel, S = Slate

Old Work Brackets

Carlon Old Work Brackets are designed specifically for the installation of low-voltage devices such as a cable television, datacommunication or telephone jacks in an existing wall. The Backless Box design accommodates the space and bend radius requirements of coaxial or data/communication cables. It also eliminates the need for metal plates, lags or screws, and can be installed vertically or horizontally. Available in one-and two-gang styles.

One-Gang

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|-----------------|----------------|----------------------|
| † SC100R | 2 1/4" x 3 1/4" | 12 | 1.4 |



Two-Gang

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|---------------|----------------|----------------------|
| † SC200R | 3.92" x 4.00" | 6 | .9 |



Single Gang Box Extender

| Part No. | Size | Std. Ctn. Qty. | Std. Ctn. Wt. (lbs.) |
|----------|-----------------|----------------|----------------------|
| † B1EXTB | 2 1/4" x 3 1/4" | 25 | 3 |

† Not UL Classified for fire resistance



Notes

Notes

ONE YEAR LIMITED WARRANTY

The following are the warranties made by Carlon. Carlon warrants this product to be free from defects in materials and workmanship for a period of one year from date of purchase. In the event of a product failure, Carlon's liability whether based on contract, tort, strict liability, warranty or any other claim, will be limited to the replacement of the product or refund of the purchase price which shall be in lieu of all other express or implied warranties, statutory or otherwise, including warranties of merchantability and fitness for use.

CARLON SHALL NOT BE LIABLE FOR LOST PROFITS, INDIRECT, SPECIAL, EXEMPLARY, INCIDENTAL OR CONSEQUENTIAL DAMAGES DUE TO THE IMPROPER WIRING OR MISUSE OF THE PRODUCT.

Visit our web site at www.carlon.com

Carlon[®]
LAMSON & SESSIONS

In USA, contact:

25701 Science Park Drive ■ Cleveland, Ohio 44122

1-800-3-CARLON (1-800-322-7566) ■ In Ohio, (216) 464-3400

Fax: (216) 766-6444

TDD/Hearing Impaired Access (216) 831-5918

www.carlon.com

In Canada, contact:

c/o Multimodal Logistics

415 Traders Boulevard East

Mississauga, Ontario ■ Canada L4Z 1P2

(905) 755-1262 ■ (888) 269-9902

Fax: (905) 755-1265 ■ (888) 229-8622