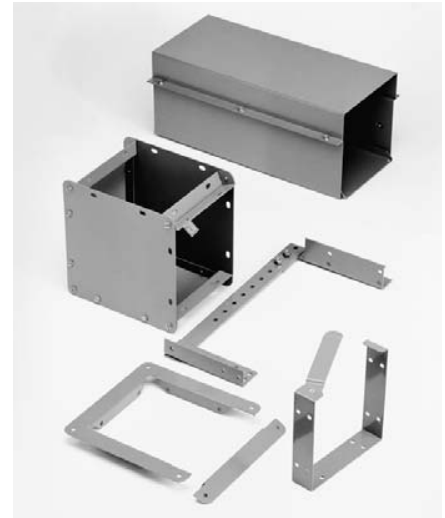


## Lay-In Type I Wireway



Straight Section



Top to bottom: Telescope Fitting, 90° Elbow-Tee-Cross, Drop Hanger, Open Adapter, U-Connector

### Application

Designed to protect electrical wiring in applications where dust, dirt, oil, and water are not serious problems. All sections and fittings are completely open on one side so wires and cables can be laid in along an entire wireway run. No pulling through of wires or cables is required with this design.

A complete selection of sections and fittings is available in six sizes:

- 2.50 in. x 2.50 in. (64mm x 64mm)
- 4.00 in. x 4.00 in. (102mm x 102mm)
- 6.00 in. x 6.00 in. (152mm x 152mm)
- 8.00 in. x 8.00 in. (203mm x 203mm)
- 10.00 in. x 10.00 in. (254mm x 254mm)
- 12.00 in. x 12.00 in. (305mm x 305mm).

The wireway is available in 9 lengths from 12 in. (305mm) to 120 in. (3050mm).

### Construction

- 16 gauge [sizes 2.50 x 2.50 (64mm x 64mm), 4.00 x 4.00 (102mm x 102mm), 6.00 x 6.00 (152mm x 152mm)] or 14 gauge [sizes 8.00 x 8.00 (203mm x 203mm), 10.00 x 10.00 (254mm x 254mm), and 12.00 x 12.00 (305mm x 305mm)] steel covers and bodies
- Available with or without knockouts
- Patented hidden hinge permits usual plated steel screw cover arrangement to be converted to hinge cover system on all sizes except 12.00 x 12.00 (305mm x 305mm)
- Captivated plated screw fasteners along both sides of covers on 12.00 x 12.00 (305mm x 305mm)
- Open top assembly protects wire and cable insulation that might otherwise be damaged in a pull through wiring system
- Covers held firmly closed with captivated plated screw fasteners

- Captivated plated screw fasteners along both sides of covers on 12.00 x 12.00 (305mm x 305mm)
- Knockouts on wireway sides
- Optional adapters connect Hoffman wireway to different brands of wireway

### Finish

ANSI 61 gray polyester powder paint finish inside and out over phosphatized surfaces.

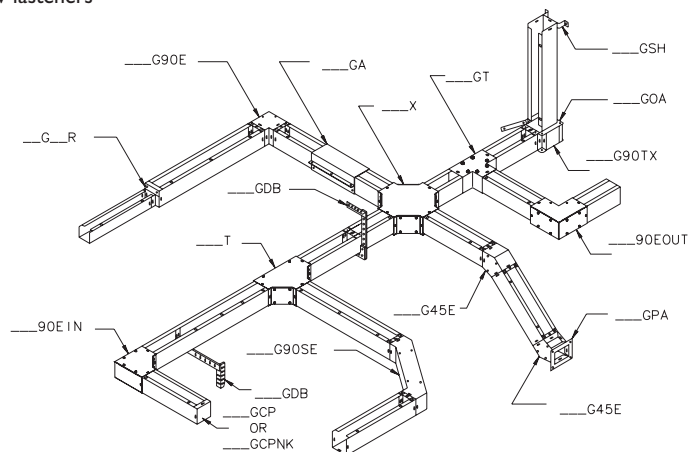
### Industry Standards

UL 870, File No. E27524, (see Table)  
NEMA/EEMAC Type I  
cUL CSA C22.2 No. 26, File No. E27524,  
Type I (see Table)  
IEC 60529, IP30

### Accessories

Touch-Up Paint (ATPPY61)

This drawing illustrates how most of the Type I lay-in wireway sections and fittings could be used in an actual wireway run. The covers have been omitted to present the lay-in feature more clearly. Many different sections and fittings can be combined in any configuration desired.





### Catalog Numbers Lay-In Type I Wireway

| Description  | 2.50 x 2.50<br>(64 x 64) | 4.00 x 4.00<br>(102 x 102) | 6.00 x 6.00<br>(152 x 152) | 8.00 x 8.00<br>(203 x 203) | 10.00 x 10.00<br>(254 x 254) | 12.00 x 12.00<br>(305 x 305) |
|--|--------------------------|----------------------------|----------------------------|----------------------------|------------------------------|------------------------------|
| 12.00" (305mm) Straight Section with knockouts       | F22G12WK                 | F44G12WK                   | F66G12WK                   | —                          | —                            | —                            |
| 12.00" (305mm) Straight Section without knockouts    | F22G12                   | F44G12                     | F66G12                     | F88G12                     | F1010G12                     | F1212G12                     |
| 18.00" (455mm) Straight Section without knockouts    | —                        | F44G18                     | F66G18                     | F88G18                     | —                            | —                            |
| 24.00" (610mm) Straight Section with knockouts       | F22G24WK                 | F44G24WK                   | F66G24WK                   | —                          | —                            | —                            |
| 24.00" (610mm) Straight Section without knockouts    | F22G24                   | F44G24                     | F66G24                     | F88G24                     | F1010G24                     | F1212G24                     |
| 36.00" (914mm) Straight Section with knockouts       | F22G36WK                 | F44G36WK                   | F66G36WK                   | —                          | —                            | —                            |
| 36.00" (914mm) Straight Section without knockouts    | F22G36                   | F44G36                     | F66G36                     | F88G36                     | F1010G36                     | F1212G36                     |
| 48.00" (1219mm) Straight Section with knockouts      | F22G48WK                 | F44G48WK                   | F66G48WK                   | —                          | —                            | —                            |
| 48.00" (1219mm) Straight Section without knockouts   | F22G48                   | F44G48                     | F66G48                     | F88G48                     | F1010G48                     | F1212G48                     |
| 60.00" (1524mm) Straight Section knockouts           | F22G60WK                 | F44G60WK                   | F66G60WK                   | —                          | —                            | —                            |
| 60.00" (1524mm) Straight Section without knockouts   | F22G60                   | F44G60                     | F66G60                     | F88G60                     | F1010G60                     | F1212G60                     |
| 72.00" (1829mm) Straight Section with knockouts      | —                        | F44G72WK                   | F66G72WK                   | —                          | —                            | —                            |
| 72.00" (1829mm) Straight Section without knockouts   | —                        | F44G72                     | F66G72                     | F88G72                     | F1010G72                     | F1212G72                     |
| 96.00" (2438mm) Straight Section without knockouts   | —                        | F44G96                     | F66G96                     | F88G96                     | F1010G96                     | F1212G96                     |
| 120.00" (3048mm) Straight Section with knockouts     | F22G120WK                | F44G120WK                  | F66G120WK                  | —                          | —                            | —                            |
| 120.00" (3048mm) Straight Section without knockouts  | F22G120                  | F44G120                    | F66G120                    | F88G120                    | F1010G120                    | F1212G120                    |
| 90° Flush Tee  | F22GT                    | F44GT                      | F66GT                      | F88GT                      | F1010GT                      | F1212GT                      |
| Sweep Tee  | F22T                     | F44T                       | F66T                       | F88T                       | F1010T                       | F1212T                       |
| Cross Fitting  | F22X                     | F44X                       | F66X                       | F88X                       | F1010X                       | F1212X                       |
| 90° Elbow-TEE-Cross                                  | F22G90TX                 | F44G90TX                   | F66G90TX                   | F88G90TX                   | F1010G90TX                   | F1212G90TX                   |
| 90° Elbow  | F22G90E                  | F44G90E                    | F66G90E                    | F88G90E                    | F1010G90E                    | F1212G90E                    |
| 90° Elbow Inside Opening                             | F2290EIN                 | F4490EIN                   | F6690EIN                   | F8890EIN                   | F101090EIN                   | F121290EIN                   |
| 90° Elbow Outside Opening                            | F2290EOUT                | F4490EOUT                  | F6690EOUT                  | F8890EOUT                  | F101090EOUT                  | F121290EOUT                  |
| 90° Sweep Elbow                                      | F22G90SE                 | F44G90SE                   | F66G90SE                   | F88G90SE                   | F1010G90SE                   | F1212G90SE                   |
| 45° Elbow  | F22G45E                  | F44G45E                    | F66G45E                    | F88G45E                    | F1010G45E                    | F1212G45E                    |
| Telescope Fitting                                    | F22GA <sup>a</sup>       | F44GA <sup>a</sup>         | F66GA <sup>a</sup>         | F88GA <sup>a</sup>         | F1010GA <sup>a</sup>         | F1212GA <sup>a</sup>         |
| Panel Adapter  | F22GPA                   | F44GPA                     | F66GPA                     | F88GPA                     | F1010GPA                     | F1212GPA                     |
| Open Adapter   | F22GOA                   | F44GOA                     | F66GOA                     | F88GOA                     | F1010GOA                     | F1212GOA                     |
| Universal U-Connector                                | F22GUC                   | F44GUC                     | F66GUC                     | F88GUC                     | F1010GUC                     | F1212GUC                     |
| Barrier Kit, bolt-on<br>Each barrier 60.00" (1524mm) | —                        | F44BK60                    | F66BK60                    | F88BK60                    | —                            | —                            |
| Closure Plate with knockouts                         | F22GCP                   | F44GCP                     | F66GCP                     | F88GCP                     | F1010GCP                     | F1212GCP                     |
| Closure Plate without knockouts                      | F22GCPNK                 | F44GCPNK                   | F66GCPNK                   | F88GCPNK                   | F1010GCPNK                   | F1212GCPNK                   |
| Reducer  | —                        | F44G22R                    | F66G44R                    | F88G66R                    | F1010G88R                    | F1212G1010R                  |
| Drop and Bracket Hanger                              | F22GDB                   | F44GDB                     | F66GDB                     | F88GDB                     | F1010GDB                     | F1212GDB                     |
| Support Hanger                                       | F22GSH                   | F44GSH                     | F66GSH                     | F88GSH                     | F1010GSH                     | F1212GSH <sup>b</sup>        |

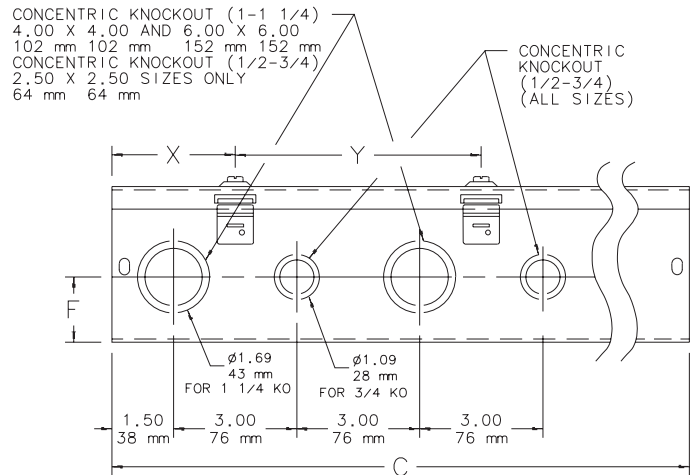
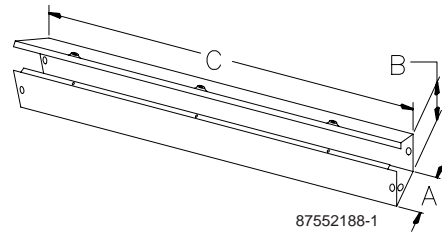
<sup>a</sup> Not UL/CUL listed

## Lay-In Type I Wireway

### Straight Sections

Available in lengths from 12.00" (305mm) to 120.00" (3048mm) and with or without knockouts.

| Catalog Number | Number of Knockouts | .50"- .75" C | 1.00"-1.25" C | F         | X          | Y           |
|----------------|---------------------|--------------|---------------|-----------|------------|-------------|
| F22G12WK       | 8                   | —            | 12.00 (305)   | 1.06 (27) | 3.00 (76)  | 6.00 (152)  |
| F44G12WK       | 4                   | 4            | 12.00 (305)   | 1.62 (41) | 3.00 (76)  | 6.00 (152)  |
| F66G12WK       | 4                   | 4            | 12.00 (305)   | 1.62 (41) | 3.00 (76)  | 6.00 (152)  |
| F22G24WK       | 16                  | —            | 24.00 (610)   | 1.06 (27) | 6.00 (152) | 12.00 (305) |
| F44G24WK       | 8                   | 8            | 24.00 (620)   | 1.62 (41) | 6.00 (152) | 12.00 (305) |
| F66G24WK       | 8                   | 8            | 24.00 (620)   | 1.62 (41) | 6.00 (152) | 12.00 (305) |
| F22G36WK       | 24                  | —            | 36.00 (914)   | 1.06 (27) | 6.00 (152) | 12.00 (305) |
| F44G36WK       | 12                  | 12           | 36.00 (914)   | 1.62 (41) | 6.00 (152) | 12.00 (305) |
| F66G36WK       | 12                  | 12           | 36.00 (914)   | 1.62 (41) | 6.00 (152) | 12.00 (305) |
| F22G48WK       | 32                  | —            | 48.00 (1219)  | 1.06 (27) | 6.00 (152) | 12.00 (305) |
| F44G48WK       | 16                  | 16           | 48.00 (1219)  | 1.62 (41) | 6.00 (152) | 12.00 (305) |
| F66G48WK       | 16                  | 16           | 48.00 (1219)  | 1.62 (41) | 6.00 (152) | 12.00 (305) |
| F22G60WK       | 40                  | —            | 60.00 (1524)  | 1.06 (27) | 6.00 (152) | 12.00 (305) |
| F44G60WK       | 20                  | 20           | 60.00 (1524)  | 1.62 (41) | 6.00 (152) | 12.00 (305) |
| F66G60WK       | 20                  | 20           | 60.00 (1524)  | 1.62 (41) | 6.00 (152) | 12.00 (305) |
| F22G120WK      | 80                  | —            | 120.00 (3048) | 1.06 (27) | 6.00 (152) | 12.00 (305) |
| F44G120WK      | 40                  | 40           | 120.00 (3048) | 1.62 (41) | 6.00 (152) | 12.00 (305) |
| F66G120WK      | 40                  | 40           | 120.00 (3048) | 1.62 (41) | 6.00 (152) | 12.00 (305) |



PATTERN REPEATS EVERY 12.00 305 mm

87552187

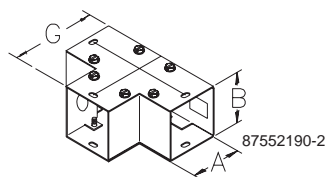
Patented hidden hinge permits usual plated steel screw arrangement to be converted to hinge cover system on all sizes except 12.00 in. x 12.00 in. (305mm x 305mm).

### Dimensions Lay-In Type I Wireway and Fittings

| A x B                     | C           | G           | H           | J           | K            | L            | M            | N             | P           | R          | S           | T          | U           | V           |             |             |            |             |             |             |             |
|---------------------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|---------------|-------------|------------|-------------|------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|
| 2.50 x 2.50 (64 x 64)     | 12.00 (305) | —           | 24.00 (610) | 36.00 (914) | 48.00 (1219) | 60.00 (1524) | 72.00 (1828) | 120.00 (3048) | 4.50 (114)  | 2.75 (70)  | 6.50 (165)  | 2.25 (57)  | 7.91 (201)  | 4.62 (117)  | 8.50 (216)  | 4.50 (114)  | 3.38 (86)  | 7.25 (184)  | 3.75 (95)   | 6.50 (165)  | 10.35 (263) |
| 4.00 x 4.00 (102 x 102)   | 12.00 (305) | 18.00 (455) | 24.00 (610) | 36.00 (914) | 48.00 (1219) | 60.00 (1524) | 72.00 (1828) | 120.00 (3048) | 6.00 (152)  | 3.38 (86)  | 8.00 (203)  | 3.00 (76)  | 9.41 (239)  | 6.12 (155)  | 10.50 (267) | 6.00 (152)  | 4.12 (105) | 9.25 (235)  | 4.50 (114)  | 8.00 (203)  | 11.85 (301) |
| 6.00 x 6.00 (152 x 152)   | 12.00 (305) | 18.00 (455) | 24.00 (610) | 36.00 (914) | 48.00 (1219) | 60.00 (1524) | 72.00 (1828) | 120.00 (3048) | 8.00 (203)  | 4.25 (108) | 10.00 (254) | 4.00 (102) | 11.34 (288) | 8.12 (206)  | 15.00 (381) | 7.12 (181)  | 5.12 (130) | 13.75 (349) | 5.50 (140)  | 10.00 (254) | 13.85 (352) |
| 8.00 x 8.00 (203 x 203)   | 12.00 (305) | 18.00 (455) | 24.00 (610) | 36.00 (914) | 48.00 (1219) | 60.00 (1524) | 72.00 (1828) | 120.00 (3048) | 10.00 (254) | 5.06 (129) | 12.00 (305) | 5.00 (127) | 13.44 (341) | 10.12 (257) | 21.00 (533) | 10.81 (275) | 7.00 (178) | 13.75 (349) | 7.75 (197)  | 12.00 (305) | 15.84 (402) |
| 10.00 x 10.00 (254 x 254) | 12.00 (305) | —           | 24.00 (610) | 36.00 (914) | 48.00 (1219) | 60.00 (1524) | 72.00 (1828) | 120.00 (3048) | 12.00 (305) | 6.00 (152) | 14.00 (356) | 6.00 (152) | 15.62 (395) | 12.12 (308) | 22.00 (559) | 13.18 (335) | 8.38 (213) | 13.75 (349) | 10.25 (260) | 14.00 (356) | 17.84 (453) |
| 12.00 x 12.00 (305 x 305) | 12.00 (305) | —           | 24.00 (610) | 36.00 (914) | 48.00 (1219) | 60.00 (1524) | 72.00 (1828) | 120.00 (3048) | 14.00 (356) | 6.75 (171) | 16.00 (406) | 7.00 (178) | 17.44 (443) | 14.12 (359) | 23.00 (584) | 15.56 (395) | 9.78 (248) | 13.75 (349) | 12.50 (318) | 16.00 (406) | 19.84 (504) |

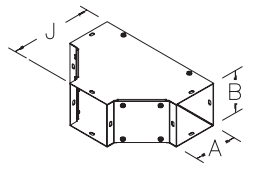
Note: Dimensions J, K, and U are from intersections of center lines.

Millimeter dimensions ( ) are for reference only; do not convert metric dimensions to inch.



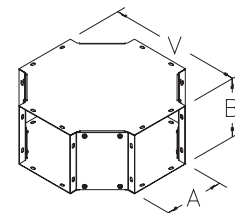
### 90° Flush Tee

For flush mounting against a vertical or horizontal surface..



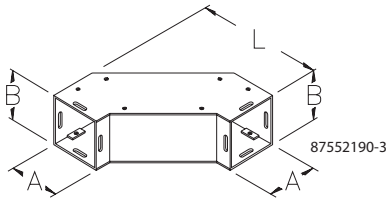
### Sweep Tee

For large radius turns. Mounts against vertical or horizontal surfaces. Top and inside covers removable.



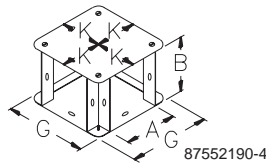
### Cross Fitting

For routing cables in four directions. Top, bottom, and side covers removable.



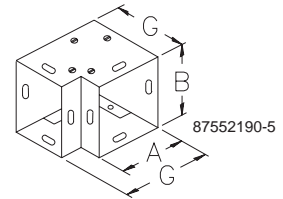
### 90° Sweep Elbow

For large radius turns.



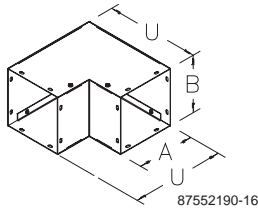
### 90° Elbow-Tee-Cross

Forms left or right 90° turns. Can be used as a tee or cross. When fitted with an open adapter, entrances can be made in the top and bottom. Includes two closure plates.



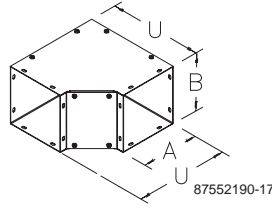
### 90° Elbow

Any side can be removed, so lay-in feature is retained regardless of how the elbow is oriented. Sides are held together with screws.



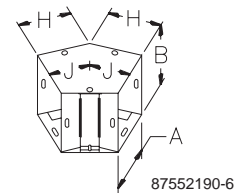
### 90° Elbow - Outside Opening

For continuous run with 90° turns. Top, bottom, and outside covers removable.



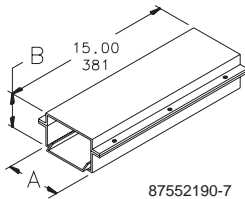
### 90° Elbow - Inside Opening

For continuous run with 90° turns. Top and inside covers removable.



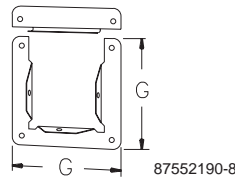
### 45° Elbow

Similar to the 90° elbow in design and function.



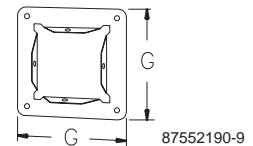
### Telescope Fitting

Length easily adjusts to approximately 12.00" (305mm). No cutting or welding required.



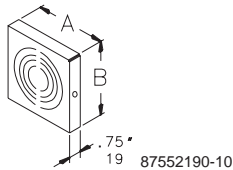
### Open Adapter

Used with the 90° elbow-tee-cross fitting to permit a run directly up or down.



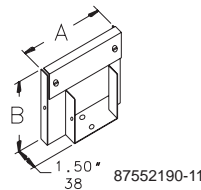
### Panel Adapter

A flanged fitting which allows the wireway to be securely connected to an enclosure.



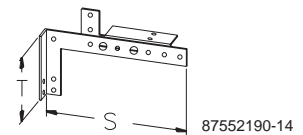
### Closure Plate

Closes the end of a wireway section or run.



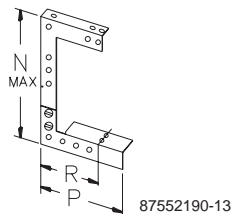
### Reducer

Reduces wireway to a smaller size.



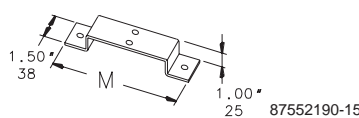
### Bracket Hanger

Supports a wireway run.



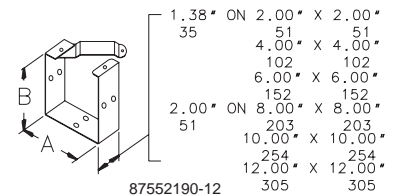
### Drop Hanger

Supports a wireway run.



### Support Hanger

For floor or wall installations.



### Universal U-Connector

Joins wireway sections and fittings. Top swings aside to retain the lay-in feature. One U-connector required at each wireway joint except telescope fittings, panel adapters, open adapters, closure plates, or reducers. Order separately.