

Lay-In NEMA Type I Hinged Cover Wireway



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).

Features

- Open top assembly protects wire and cable insulation that might otherwise be damaged in a pull through wiring system
- Removable hinged cover latches with captive screws
- 12.00 x 12.00 inch models available in hinged or non-hinged styles

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),
12.00 x 12.00 (305mm x 305mm)] steel covers and bodies
- Available with or without knockouts
- Covers held firmly closed with captivated plated screw fasteners
- Knockouts on wireway sides

Finish

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

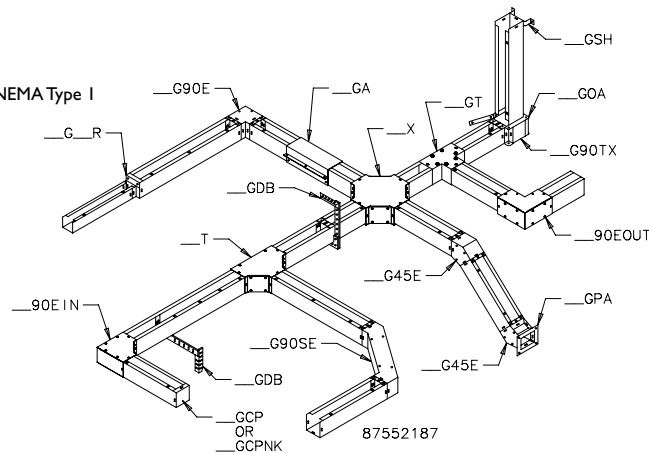
Industry Standards

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

Accessories

See also *Accessories chapter*.
Touch-Up Paint (ATPPY61)

This drawing illustrates how most of the Hoffman NEMA 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.



Lay-In NEMA Type I Hinged Cover Wireway

Catalog Number Selection Matrix Lay-In NEMA Type I Hinged Cover Wireway

Description	inch:	2.50 x 2.50	4.00 x 4.00	6.00 x 6.00	8.00 x 8.00	10.00 x 10.00	Not Hinged 12.00 x 12.00	Hinged 12.00 x 12.00
	mm:	64 x 64	102 x 102	152 x 152	203 x 203	254 x 254	305 x 305	305 x 305
12.00 inch (305mm) Straight Section with knockouts		F22G12WK	F44G12WK	F66G12WK	—	—	—	—
12.00 inch (305mm) Straight Section without knockouts		F22G12	F44G12	F66G12	F88G12	F1010G12	F1212G12	F1212G12H
18.00 inch (455mm) Straight Section without knockouts		—	F44G18	F66G18	F88G18	—	—	—
24.00 inch (610mm) Straight Section with knockouts		F22G24WK	F44G24WK	F66G24WK	—	—	—	—
24.00 inch (610mm) Straight Section without knockouts		F22G24	F44G24	F66G24	F88G24	F1010G24	F1212G24	F1212G24H
36.00 inch (914mm) Straight Section with knockouts		F22G36WK	F44G36WK	F66G36WK	—	—	—	—
36.00 inch (914mm) Straight Section without knockouts		F22G36	F44G36	F66G36	F88G36	F1010G36	F1212G36	F1212G36H
48.00 inch (1219mm) Straight Section with knockouts		F22G48WK	F44G48WK	F66G48WK	—	—	—	—
48.00 inch (1219mm) Straight Section without knockouts		F22G48	F44G48	F66G48	F88G48	F1010G48	F1212G48	F1212G48H
60.00 inch (1524mm) Straight Section with knockouts		F22G60WK	F44G60WK	F66G60WK	—	—	—	—
60.00 inch (1524mm) Straight Section without knockouts		F22G60	F44G60	F66G60	F88G60	F1010G60	F1212G60	F1212G60H
72.00 inch (1829mm) Straight Section with knockouts		—	F44G72WK	F66G72WK	—	—	—	—
72.00 inch (1829mm) Straight Section without knockouts		—	F44G72	F66G72	F88G72	F1010G72	F1212G72	F1212G72H
96.00 inch (2438mm) Straight Section without knockouts		—	F44G96	F66G96	F88G96	F1010G96	F1212G96	F1212G96H
120.00 inch (3048mm) Straight Section with knockouts		F22G120WK	F44G120WK	F66G120WK	—	—	—	—
120.00 inch (3048mm) Straight Section without knockouts		F22G120	F44G120	F66G120	F88G120	F1010G120	F1212G120	F1212G120H
90° Flush Tee		F22GT	F44GT	F66GT	F88GT	F1010GT	F1212GT	F1212GT
Sweep Tee		F22T	F44T	F66T	F88T	F1010T	F1212T	F1212T
Cross Fitting		F22X	F44X	F66X	F88X	F1010X	F1212X	F1212X
90° Sweep Elbow		F22G90SE	F44G90SE	F66G90SE	F88G90SE	F1010G90SE	F1212G90SE	F1212G90SE
90° Elbow-Tee-Cross		F22G90TX	F44G90TX	F66G90TX	F88G90TX	F1010G90TX	F1212G90TX	F1212G90TX
90° Elbow		F22G90E	F44G90E	F66G90E	F88G90E	F1010G90E	F1212G90E	F1212G90E
90° Elbow Outside Opening		F2290EOUT	F4490EOUT	F6690EOUT	F8890EOUT	F101090EOUT	F121290EOUT	F121290EOUT
90° Elbow Inside Opening		F2290EIN	F4490EIN	F6690EIN	F8890EIN	F101090EIN	F121290EIN	F121290EIN
45° Elbow		F22G45E	F44G45E	F66G45E	F88G45E	F1010G45E	F1212G45E	F1212G45E
Telescope Fitting		F22GA ^a	F44GA ^a	F66GA ^a	F88GA ^a	F1010GA ^a	F1212GA ^a	F1212GA ^a
Open Adapter		F22GOA	F44GOA	F66GOA	F88GOA	F1010GOA	F1212GOA	F1212GOA
Panel Adapter		F22GPA	F44GPA	F66GPA	F88GPA	F1010GPA	F1212GPA	F1212GPA
Closure Plate without knockouts		F22GCPNK	F44GCPNK	F66GCPNK	F88GCPNK	F1010GCPNK	F1212GCPNK	F1212GCPNK
Closure Plate with knockouts		F22GCP	F44GCP	F66GCP	F88GCP	F1010GCP	F1212GCP	F1212GCP
Reducer		—	F44G22R	F66G44R	F88G66R	F1010G88R	F1212G88R F1212G1010R	F1212G88R F1212G1010R
Drop and Bracket Hanger		F22GDB	F44GDB	F66GDB	F88GDB	F1010GDB	F1212GDB	F1212GDB
Support Hanger		F22GSH	F44GSH	F66GSH	F88GSH	F1010GSH	F1212GSH	F1212GSH
Universal U-Connector		F22GUC	F44GUC	F66GUC	F88GUC	F1010GUC	F1212GUC	F1212GUC
Barrier Kit, bolt-on Each barrier 60.00 inch (1524mm)		—	F44BK60	F66BK60	F88BK60	—	—	—

^aNot UL/cUL listed.

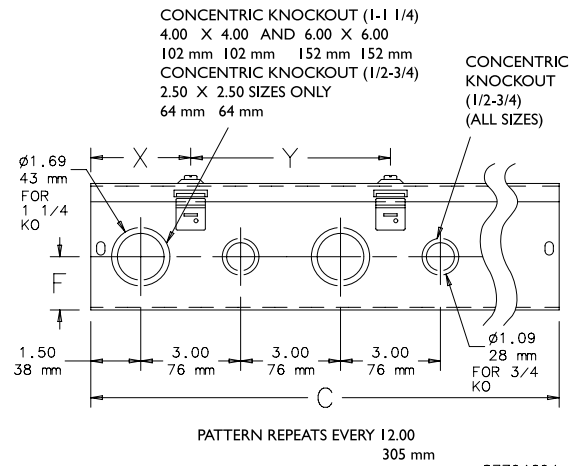
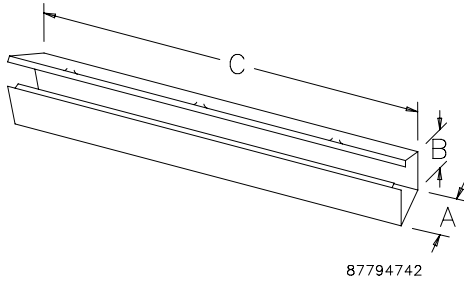
See Technical Information chapter or www.hoffmanonline.com for Wireway Fill Table

Lay-In NEMA Type I Hinged Cover Wireway

Bulletin
F40PF

Straight Section Hinged Cover

Available in lengths from 12.00 inch (305mm) and with or without knockouts.



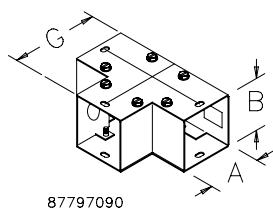
Patented hidden hinge permits usual plated steel screw cover arrangement to be converted to hinge cover system on all sizes except 12.00 in x 12.00 in. (305mm x 305mm).

Straight Section Hinged Cover with Knockouts

Catalog Number	Number of Knockouts, .50 in.-.75 in.	Number of Knockouts, 1.00 in.-1.25 in.	C (in.)	C (mm)	F (in.)	F (mm)	X (in.)	X (mm)	Y (in.)	Y (mm)
F22G12WK	8	—	12.00	305	1.06	27	3.00	76	6.00	152
F22G24WK	16	—	24.00	610	1.06	27	6.00	152	12.00	305
F22G36WK	24	—	36.00	914	1.06	27	6.00	152	12.00	305
F22G48WK	32	—	48.00	1219	1.06	27	6.00	152	12.00	305
F22G60WK	40	—	60.00	1524	1.06	27	6.00	152	12.00	305
F22G120WK	80	—	120.00	3048	1.06	27	6.00	152	12.00	305
F44G12WK	4	4	12.00	305	1.62	41	3.00	76	6.00	152
F44G24WK	8	8	24.00	610	1.62	41	6.00	152	12.00	305
F44G36WK	12	12	36.00	914	1.62	41	6.00	152	12.00	305
F44G48WK	16	16	48.00	1219	1.62	41	6.00	152	12.00	305
F44G60WK	20	20	60.00	1524	1.62	41	6.00	152	12.00	305
F44G72WK	24	24	60.00	1524	1.62	41	6.00	152	12.00	305
F44G120WK	40	40	120.00	3048	1.62	41	6.00	152	12.00	305
F66G12WK	4	4	12.00	305	1.62	41	3.00	76	6.00	152
F66G24WK	8	8	24.00	610	1.62	41	6.00	152	12.00	305
F66G36WK	12	12	36.00	914	1.62	41	6.00	152	12.00	305
F66G48WK	16	16	48.00	1219	1.62	41	6.00	152	12.00	305
F66G60WK	20	20	60.00	1524	1.62	41	6.00	152	12.00	305
F66G72WK	24	24	60.00	1524	1.62	41	6.00	152	12.00	305
F66G120WK	40	40	120.00	3048	1.62	41	6.00	152	12.00	305

Wireway and Trough

90° Flush Tee



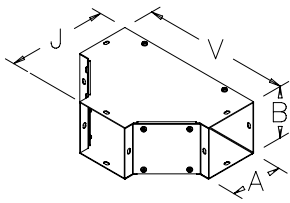
For flush mounting against a vertical or horizontal surface.

Catalog Number	A x B in. (mm)	G (in.)	G (mm)
F22GT	2.50 x 2.50 (64 x 64)	4.50	114
F44GT	4.00 x 4.00 (102 x 102)	6.00	152
F66GT	6.00 x 6.00 (152 x 152)	8.00	203
F88GT	8.00 x 8.00 (203 x 203)	10.00	254
F1010GT	10.00 x 10.00 (254 x 254)	12.00	305
F1212GT	12.00 x 12.00 (305 x 305)	14.00	356

Lay-In NEMA Type I Hinged Cover Wireway

Bulletin
F40PF

Sweep Tee

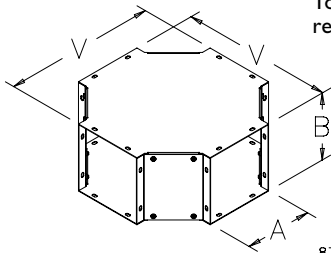


For large radius turns. Mounts against vertical or horizontal surfaces. Top and inside covers removable.

87574005

Catalog Number	A x B in. (mm)	J (in.)	J (mm)	V (in.)	V (mm)
F22T	2.50 x 2.50 (64 x 64)	6.50	165	10.35	263
F44T	4.00 x 4.00 (102 x 102)	8.00	203	11.85	301
F66T	6.00 x 6.00 (152 x 152)	10.00	254	13.85	352
F88T	8.00 x 8.00 (203 x 203)	12.00	305	15.84	402
F1010T	10.00 x 10.00 (254 x 254)	14.00	356	17.84	453
F1212T	12.00 x 12.00 (305 x 305)	16.00	406	19.84	504

Cross Fitting

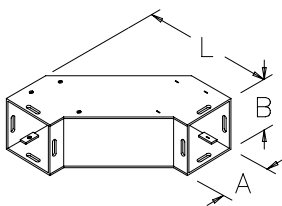


For routing cables in four directions. Top, bottom, and side covers removable.

87574006

Catalog Number	A x B in. (mm)	V (in.)	V (mm)
F22X	2.50 x 2.50 (64 x 64)	10.35	263
F44X	4.00 x 4.00 (102 x 102)	11.85	301
F66X	6.00 x 6.00 (152 x 152)	13.85	352
F88X	8.00 x 8.00 (203 x 203)	15.84	402
F1010X	10.00 x 10.00 (254 x 254)	17.84	453
F1212X	12.00 x 12.00 (305 x 305)	19.84	504

90° Sweep Elbow



For large radius turns.

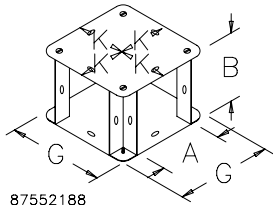
87797091

Catalog Number	A x B in. (mm)	L (in.)	L (mm)
F22G90SE	2.50 x 2.50 (64 x 64)	7.91	201
F44G90SE	4.00 x 4.00 (102 x 102)	9.41	239
F66G90SE	6.00 x 6.00 (152 x 152)	11.34	288
F88G90SE	8.00 x 8.00 (203 x 203)	13.44	341
F1010G90SE	10.00 x 10.00 (254 x 254)	15.62	395
F1212G90SE	12.00 x 12.00 (305 x 305)	17.44	443

Lay-In NEMA Type I Hinged Cover Wireway

Bulletin
F40PF

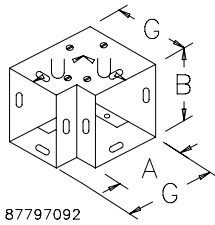
90° Elbow-Tee-Cross



Forms left or right 90° turns. Can be used as a tee or cross. Use with open adapter for cable entrance in top and bottom. Includes two closure plates.

Catalog Number	A x B in. (mm)	G (in.)	G (mm)	K (in.)	K (mm)
F22G90TX	2.50 x 2.50 (64 x 64)	4.50	114	2.25	57
F44G90TX	4.00 x 4.00 (102 x 102)	6.00	152	3.00	76
F66G90TX	6.00 x 6.00 (152 x 152)	8.00	203	4.00	102
F88G90TX	8.00 x 8.00 (203 x 203)	10.00	254	5.00	127
F1010G90TX	10.00 x 10.00 (254 x 254)	12.00	305	6.00	152
F1212G90TX	12.00 x 12.00 (305 x 305)	14.00	356	7.00	178

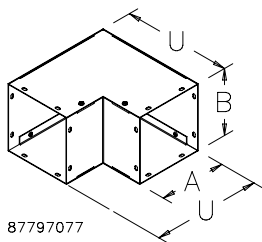
90° Elbow



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

Catalog Number	A x B in. (mm)	G (in.)	G (mm)
F22G90E	2.50 x 2.50 (64 x 64)	4.50	114
F44G90E	4.00 x 4.00 (102 x 102)	6.00	152
F66G90E	6.00 x 6.00 (152 x 152)	8.00	203
F88G90E	8.00 x 8.00 (203 x 203)	10.00	254
F1010G90E	10.00 x 10.00 (254 x 254)	12.00	305
F1212G90E	12.00 x 12.00 (305 x 305)	14.00	356

90° Elbow - Outside Opening



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

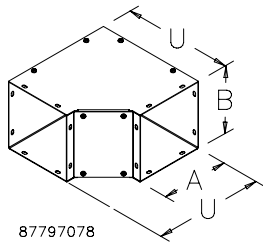
Catalog Number	A x B in. (mm)	U (in.)	U (mm)
F2290EOUT	2.50 x 2.50 (64 x 64)	6.50	165
F4490EOUT	4.00 x 4.00 (102 x 102)	8.00	203
F6690EOUT	6.00 x 6.00 (152 x 152)	10.00	254
F8890EOUT	8.00 x 8.00 (203 x 203)	12.00	305
F101090EOUT	10.00 x 10.00 (254 x 254)	14.00	356
F121290EOUT	12.00 x 12.00 (305 x 305)	16.00	406

Wireway and
Trough

Lay-In NEMA Type I Hinged Cover Wireway

Bulletin
F40PF

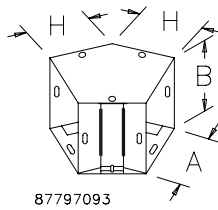
90° Elbow - Inside Opening



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

Catalog Number	A x B in. (mm)	U (in.)	U (mm)
F2290EIN	2.50 x 2.50 (64 x 64)	6.50	165
F4490EIN	4.00 x 4.00 (102 x 102)	8.00	203
F6690EIN	6.00 x 6.00 (152 x 152)	10.00	254
F8890EIN	8.00 x 8.00 (203 x 203)	12.00	305
F101090EIN	10.00 x 10.00 (254 x 254)	14.00	356
F121290EIN	12.00 x 12.00 (305 x 305)	16.00	406

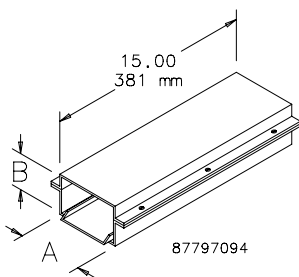
45° Elbow



Similar to the 90° elbow in design
and function.

Catalog Number	A x C in. (mm)	H (in.)	H (mm)
F22G45E	2.50 x 2.50 (64 x 64)	2.75	70
F44G45E	4.00 x 4.00 (102 x 102)	3.38	86
F66G45E	6.00 x 6.00 (152 x 152)	4.25	108
F88G45E	8.00 x 8.00 (203 x 203)	5.06	129
F1010G45E	10.00 x 10.00 (254 x 254)	6.00	152
F1212G45E	12.00 x 12.00 (305 x 305)	6.75	171

Telescope Fitting



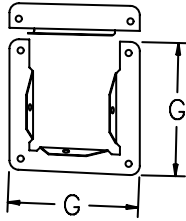
Length easily adjusts to
approximately 12.00 inches
(305mm). No cutting or welding
required.

Catalog Number	A x B in. (mm)
F22GA	2.50 x 2.50 (64 x 64)
F44GA	4.00 x 4.00 (102 x 102)
F66GA	6.00 x 6.00 (152 x 152)
F88GA	8.00 x 8.00 (203 x 203)
F1010GA	10.00 x 10.00 (254 x 254)
F1212GA	12.00 x 12.00 (305 x 305)

Lay-In NEMA Type I Hinged Cover Wireway

Bulletin
F40PF

Open Adapter

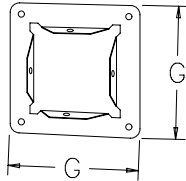


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Used with the 90° elbow-tee-cross fitting to permit a run directly up or down.

Catalog Number	G (in.)	G (mm)
F22GOA	4.50	114
F44GOA	6.00	152
F66GOA	8.00	203
F88GOA	10.00	254
F1010GOA	12.00	305
F1212GOA	14.00	356

Panel Adapter

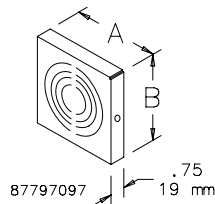


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A flanged fitting which allows the wireway to be securely connected to an enclosure.

Catalog Number	G (in.)	G (mm)
F22GPA	4.50	114
F44GPA	6.00	152
F66GPA	8.00	203
F88GPA	10.00	254
F1010GPA	12.00	305
F1212GPA	14.00	356

Closure Plate



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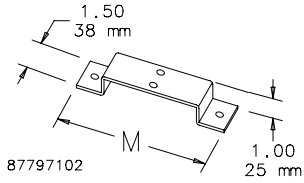
Closes the end of a wireway section or run.

Catalog Number	A x B in. (mm)	Knockouts
F22GCP	2.50 x 2.50 (64 x 64)	With knockouts
F22GCPNK	2.50 x 2.50 (64 x 64)	Without knockouts
F44GCP	4.00 x 4.00 (102 x 102)	With knockouts
F44GCPNK	4.00 x 4.00 (102 x 102)	Without knockouts
F66GCP	6.00 x 6.00 (152 x 152)	With knockouts
F66GCPNK	6.00 x 6.00 (152 x 152)	Without knockouts
F88GCP	8.00 x 8.00 (203 x 203)	With knockouts
F88GCPNK	8.00 x 8.00 (203 x 203)	Without knockouts
F1010GCP	10.00 x 10.00 (254 x 254)	With knockouts
F1010GCPNK	10.00 x 10.00 (254 x 254)	Without knockouts
F1212GCP	12.00 x 12.00 (305 x 305)	With knockouts
F1212GCPNK	12.00 x 12.00 (305 x 305)	Without knockouts

Lay-In NEMA Type I Hinged Cover Wireway

Bulletin
F40PF

Support Hanger

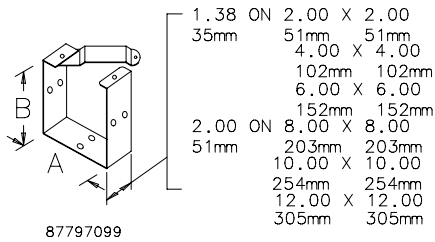


For floor or wall installations.

Catalog Number	M (in.)	M (mm)
F22GSH	4.62	117
F44GSH	6.12	155
F66GSH	8.12	206
F88GSH	10.12	257
F1010GSH	12.12	308
F1212GSH	14.12	359

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.



Catalog Number	A x B in. (mm)
F22GUC	2.50 x 2.50 (64 x 64)
F44GUC	4.00 x 4.00 (102 x 102)
F66GUC	6.00 x 6.00 (152 x 152)
F88GUC	8.00 x 8.00 (203 x 203)
F1010GUC	10.00 x 10.00 (254 x 254)
F1212GUC	12.00 x 12.00 (305 x 305)

Barrier Kit, Bolt-On

Divides wireway into two or more compartments. Barriers are fastened to wireway sections with screws. Sealing washers are included.

Catalog Number	A x B in. (mm)	W (in.)	W (mm)
F44BK60	4.00 x 4.00 (102 x 102)	3.00	76
F88BK60	8.00 x 8.00 (203 x 203)	6.00	152
F66BK60	6.00 x 6.00 (152 x 152)	4.50	114