Steel City® fire-rated poke-through systems

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Steel City fire-rated poke-through systems

Capacity, durability, flexibility — everything you've been looking for in a poke-through

Flush power and communications
FPT4 series
- Maximum capacity and flexibility for flush-mounted power and communications devices, including the popular "4 x 4" configuration (4 power outlets, 4 communications devices)
- Core drill size: 4"

FPT3 series
- Accommodates 1 duplex receptacle and 2 data jacks
- Cord drill size: 3"

FPT flush series
- Accepts 1 duplex receptacle
- Core drill size: 3"

Furniture feed
FFPT4 series
- 2 conduit hubs: ¾" for power and 1¼" for communications
- Core drill size: 4"

FFPT3 series
- Concentric 2" and 1¼" hub for power or communications
- Core drill size: 3"

FPT furniture feed series
- 3 conduit hubs: (2) ½" and (1) ¾" for power and communications
- Core drill size: 3"

Above-floor pedestals
FPT above-floor pedestals
- Available in 2 compartment and 4 compartment for power and communications
- Core drill size: 3"

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Flush power and communications — FPT4 series

The FPT4 series provides everything you look for in a flush poke-through — capacity, durability, flexibility, accessibility and aesthetics:

Capacity
- Four standard configurations:
  - 4 power receptacles + 4 communications devices ("4 x 4")
  - 2 power receptacles + 6 communications devices
  - 8 communications devices
  - 1 locking receptacle + 2 communications devices
- Core drill size: 4"

Durability
- Solid brass or aluminum covers protect devices from damage and debris when not in use — no exposed plastic components!
- Patented latching lid eliminates easily damaged, hard-to-use locking screws

Accessibility
- Full access to communications compartment through the cover without exposing power compartments — even after it's installed in the floor!
- "Straight-through" wiring of communications cabling for easy installation and changes

Flexibility
- Configurable design to meet any project requirements:
  - 4 standard configurations for power and communications devices
  - 20 A receptacles can be wired as isolated ground (orange labels provided)
  - Communications plates available to accommodate data jacks from many manufacturers
  - Accepts Extron® MAAP plates for A/V components
- Threaded conduit hubs enable all communications cabling to be enclosed in a single conduit
  - Integral 1" hub on the 4 x 4 — no extra parts needed!
  - Optional hubs available for other configurations
- Junction box features (5) ½" and (5) ¾" knockouts (27 cubic inch capacity)

Aesthetics
- The 4" core poke-through for power and communications with the entire cover made of solid brass — features an aesthetic brushed finish!
- Solid aluminum covers also available with brushed finish or powder-coated finishes in black, gray, brown and beige to match any décor


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01

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02

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03

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04

FPT4 series (cont.)

Poke-through: 4 power and 4 communications

Cat. no.	Description	Std. qty.	UPC no.
FPT4-4P-4C-BRS	Poke-through assembly: base with brass cover	1	785991-04277
FPT4-4P-4C-ALM	Poke-through assembly: base with aluminum cover	1	785991-04278
FPT4-4P-4C-BLK	Poke-through assembly: base with black cover	1	785991-04279
FPT4-4P-4C	Poke-through base (cover purchased separately)	1	785991-04280

19"
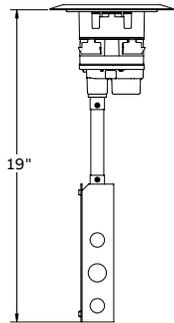
– Four 20 A receptacles, two circuits, six 12 AWG wires, prewired, pigtail ends in junction box (can be wired as isolated ground, labels provided)
– Keystone communications device plate with four keystone category 5e data jacks — see page 9 for optional communications device plates for compartment A
– Integral 1" threaded conduit hub for communication wiring (cast iron)

Diagrams

Compartment A

Device layout

½" threaded hub for power

1" threaded hub for communications

Cable entry
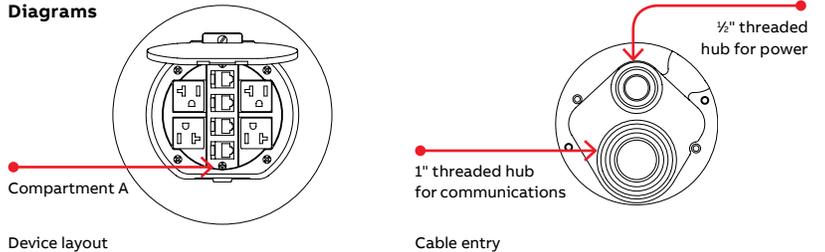
Brass

Aluminum

Brushed metal finishes

Black

Gray

Beige

Brown

Powder-coat finishes

Poke-through covers

7½"

Cat. no.	Description	Std. qty.	UPC no.
FPT4-CVR-BRS	Cover, FPT4 series poke-through – brushed brass	4	785991-04295
FPT4-CVR-ALM	Cover, FPT4 series poke-through – brushed aluminum	4	785991-04296
FPT4-CVR-BLK	Cover, FPT4 series poke-through – aluminum with black powder-coat finish	4	785991-04297
FPT4-CVR-GRY	Cover, FPT4 series poke-through – aluminum with gray powder-coat finish	4	785991-04298
FPT4-CVR-BGE	Cover, FPT4 series poke-through – aluminum with beige powder-coat finish	4	785991-04299
FPT4-CVR-BRN	Cover, FPT4 series poke-through – aluminum with brown powder-coat finish	4	785991-04300
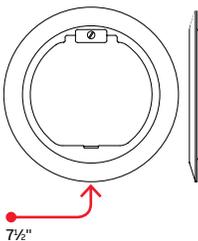
– Forged solid brass and aluminum covers
– Patented latching lid closes easily without the need for locking screws

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FPT4 series (cont.)

(Cover purchased separately)

—
Poke-through: 2 power and 6 communications

Cat. no.	Description	Std. qty.	UPC no.
FPT4-2P-6C	Poke-through base unit only (cover purchased separately)	1	785991-04292
FPT4-CCH-6C	Optional 1" threaded conduit hub for communications wiring (cast iron)	1	785991-04293

– 20 A receptacle: pre-wired, three 12 AWG wires, pigtail ends in junction box
– 30 A receptacle: pre-wired, three 10 AWG wires, pigtail ends in junction box
– Cover purchased separately
– Includes keystone communications device plates with two keystone category 5e data jacks — see page 9 for optional communications
  device plates for compartment B

19"

Diagrams

Compartment B

Compartment A

Device layout

½" Threaded hub for power

Two ¾" thru-holes for communications

Cable entry

1" Threaded hub

FPT4-CCH-6C
Communications conduit hub (optional)
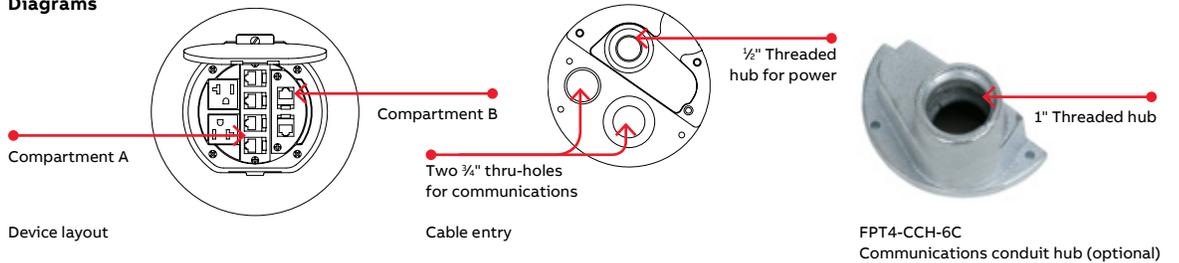
(Cover purchased separately)

—
Poke-through: 8 communications

Cat. no.	Description	Std. qty.	UPC no.
FPT4-8C	Poke-through base (cover purchased separately)	1	785991-04294
FPT4-CCH-8C	Optional 1¼" threaded conduit hub for communications wiring (cast iron)	4	785991-04341
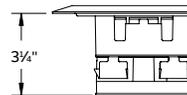
– Keystone communications device plates with eight keystone category 5e data jacks — see page 9 for optional communications
  device plates for compartment A and compartment B
– No junction box

3¾"

Diagrams

Compartment A (left)

Compartment B (right)

Compartment A (center)

Device layout

Three ¾" thru-holes for communications

Cable entry

1¼" Threaded hub

FPT4-CCH-8C
Communications conduit hub (optional)

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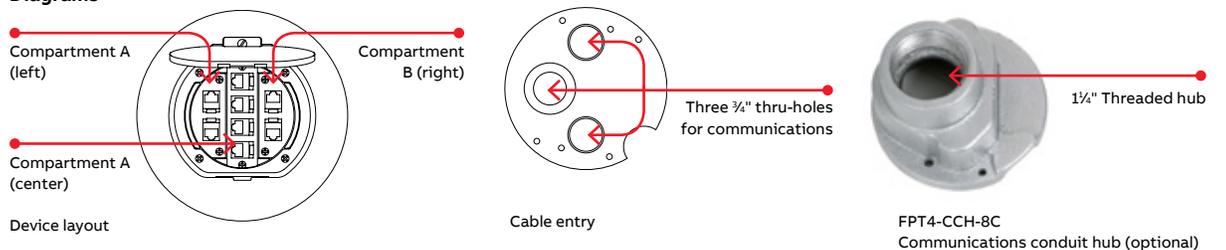
FPT4 series (cont.)

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**Poke-through: 1 locking receptacle and 2 communications**

	Cat. no.	Description	Std. qty.	UPC no.
	FPT4-1TL21-2C	Poke-through base, 20 A/125 V locking receptacle, 2 communications receptacles	1	785991-04288
	FPT4-1TL22-2C	Poke-through base, 20 A/250 V locking receptacle, 2 communications receptacles	1	785991-04289
	FPT4-1TL31-2C	Poke-through base, 30 A/125 V locking receptacle, 2 communications receptacles	1	785991-04290
	FPT4-1TL32-2C	Poke-through base, 30 A/250 V locking receptacle, 2 communications receptacles	1	785991-04291
	FPT4-CCH-2P	Optional ½" threaded conduit hub for communications wiring (cast iron)	4	785991-04342

(Cover purchased separately)

– 20 A receptacle: pre-wired, three 12 AWG wires, pigtail ends in junction box
– 30 A receptacle: pre-wired, three 10 AWG wires, pigtail ends in junction box
– Cover purchased separately
– Includes keystone communications device plates with two keystone category 5e data jacks — see page 9 for optional communications
   device plates for compartment B

Diagrams

19¾"

Compartment B

Device layout

¾" thru-hole for
communications

½" threaded
hub for power

Cable entry

½" threaded hub

FPT4-CCH-2P
Communications conduit hub (optional)

—
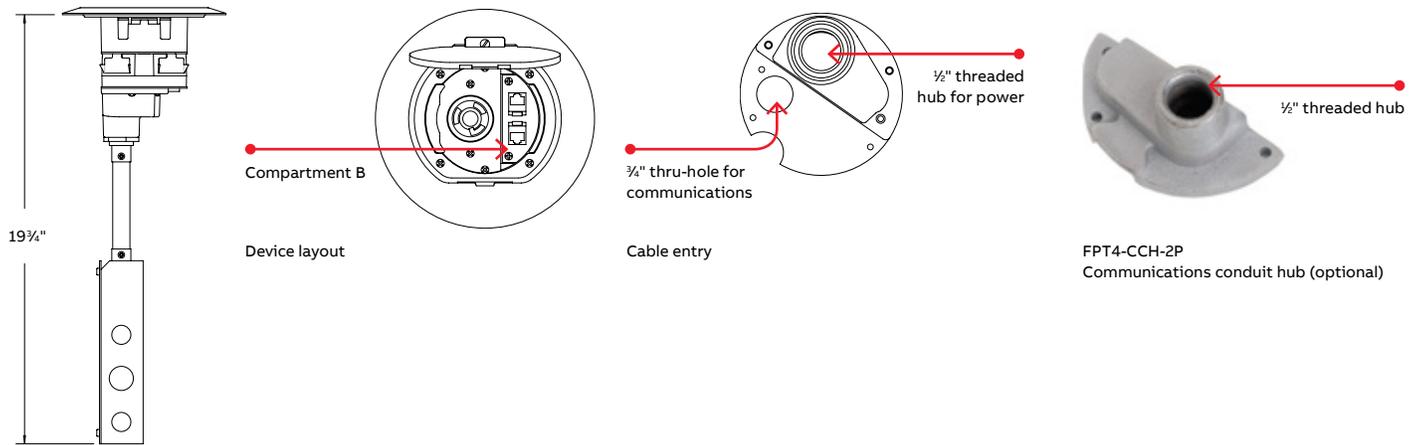
FPT4 series (cont.)

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Optional communications device plates

	Cat. no.	Description	Std. qty.	UPC no.
	FPT4-CPA-4KEY	Communications device plate for 4 keystone jacks — compartment A*	4	785991-04303
	FPT4-CPA-4SYS	Communications device plate for 4 Systemax® jacks — compartment A	4	785991-04301
	FPT4-CPA-3PAN	Communications device plate for 3 Panduit® jacks — compartment A**	4	785991-04302
	FPT4-CPA-1MAAP	Communications device plate for Extron® MAAP plate, single space — compartment A	4	785991-04304
	FPT4-CPA-4ORT	Communications device plate for 4 Ortronics® jacks — compartment A	4	785991-04305
	FPT4-CPA-BLANK	Communications device plate, blank — compartment A	4	785991-04306
	FPT4-CPB-2KEY	Communications device plate for 2 keystone jacks — compartment B*	4	785991-04309
	FPT4-CPB-2SYS	Communications device plate for 2 Systemax® jacks — compartment B	4	785991-04307
	FPT4-CPB-2PAN	Communications device plate for 2 Panduit® jacks — compartment B**	4	785991-04308
	FPT4-CPB-1MAAP	Communications device plate for Extron® MAAP plate, single space — compartment B	4	785991-04310
	FPT4-CPB-2ORT	Communications device plate for 2 Ortronics® jacks — compartment B	4	785991-04311
	FPT4-CPB-BLANK	Communications device plate, blank — compartment B	4	785991-04312
	FPT4-CPAB-2MAAP	Communications device plate for Extron® MAAP plate, double space — compartment A-B	4	785991-04313V

– Device plate only; no jacks included
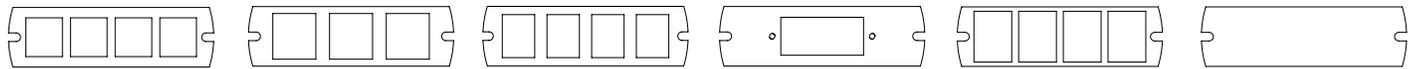
FPT4-CPA-4SYS   FPT4-CPA-3PAN**   FPT4-CPA-4KEY   FPT4-CPA-1MAAP   FPT4-CPA-4ORT   FPT4-CPA-BLANK

Compartment A plates
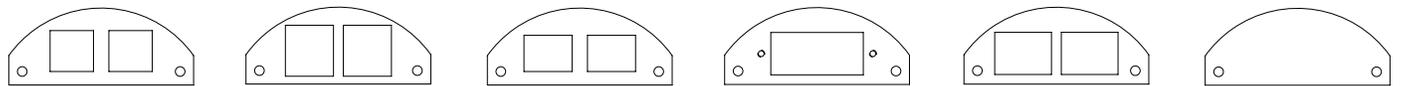
FPT4-CPB-2SYS   FPT4-CPB-2PAN**   FPT4-CPB-2KEY   FPT4-CPB-1MAAP   FPT4-CPB-2ORT   FPT4-CPB-BLANK

Compartment B plates
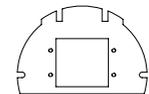
FPT4-CPAB-2MAAPA

Compartment A-B plate ***

* Keystone plates also accept Leviton® and Hubbell® devices
** Requires CMNZABL-X adapter from PANDUIT to mount PANDUIT® MiniCom jacks
*** For use with FTP4-2P-6C and FPT4-8C series only; replaces one compartment A plate and one compartment B plate

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Replacement power insert — 2 receptacles

	Cat. no.	Description	Std. qty.	UPC no.
	FPT4-2P-RPL	Replacement power insert with 18" wire whip — two 20 A receptacles	4	785991-04339

– For use with FPT4-4P-4C and FPT4-2P-6C series poke-through systems

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Flush power and communications — FPT3 series

This aesthetic, easy-to-use poke-through provides an ideal power and data solution — great for new construction or upgrading existing 3" core installations.

- Capacity: 1 duplex receptacle and 2 data jacks (included)
- Core drill Size: 3"
- Durable solid brass or aluminum covers protect devices from damage and debris when not in use — no exposed plastic components!
- Brushed brass and aluminum finishes provide superior aesthetics

- Powder-coated aluminum covers are available in black, gray, brown and beige to match any décor
- Patent pending slide latches enable tool-less access to individual receptacles — eliminates the need for hard-to-use locking screws
- Accepts keystone, Leviton or Hubbell data jacks
- Junction box features (3) ½" and (4) ¾" knockouts (13 cubic inch capacity)

—
Poke-through: 2 power and 2 communications   (UL)

Cat. no.	Description	Std. qty.	UPC no.
FPT3-2P-2C-BRS	FPT3 series poke-through assembly: base unit with brushed brass cover	1	785991-04472
FPT3-2P-2C-ALM	FPT3 series poke-through assembly: base unit with brushed aluminum cover	1	785991-04473
FPT3-2P-2C-BLK	FPT3 series poke-through assembly: base unit with black powder-coat cover	1	785991-04474
FPT3-2P-2C	FPT3 series poke-through base unit only: cover purchased separately (see below)	1	785991-04475

– Includes (1) 20 A duplex receptacle, pre-wired, pigtail ends in junction box
– Includes (2) Leviton® Cat-5e data jacks

16¼"

Diagrams

7½"

Device layout

Two ⁷⁄₁₆" thru-holes for communications*

½" conduit for power
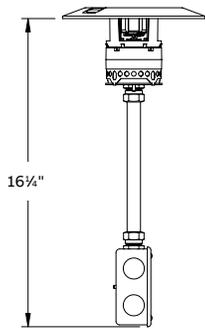
Cable entry

* If ½" EMT conduit stubs are required for communications cabling, use "City of Chicago" base unit, catalog no. FPT3-2P-2C-C (see).

Slide latch to release 1 or 2 flip lids

Slide latch to release 1 or 2 flip lids

—
Poke-through covers   (UL)
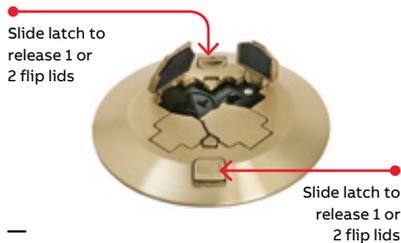
Cat. no.	Description	Std. qty.	UPC no.
FPT3-CVR-BRS	Cover, FPT3 series poke-through — sold brass, brushed finish	4	785991-04477
FPT3-CVR-ALM	Cover, FPT3 series poke-through — solid aluminum, brushed finish	4	785991-04478
FPT3-CVR-BLK	Cover, FPT3 series poke-through — aluminum with black powder-coat finish	4	785991-04479
FPT3-CVR-GRY	Cover, FPT3 series poke-through — aluminum with gray powder-coat finish	4	785991-04480
FPT3-CVR-BGE	Cover, FPT3 series poke-through — aluminum with beige powder-coat finish	4	785991-04481
FPT3-CVR-BRN	Cover, FPT3 series poke-through — aluminum with brown powder-coat finish	4	785991-04482

– See page 5 to view typical brushed metal and powder-coat finishes

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Flush power and communications — FPT flush series

Steel City's popular FPT poke-through series provides an economical solution for installing a duplex receptacle in an existing floor — right where you need it.

- Capacity: 1 duplex receptacle
- Core drill size: 3"
- Brushed brass and aluminum covers provide superior aesthetics and durability
- Non-metallic covers are available in black, gray, beige and brown

- Non-metallic covers include openings for 3 communications cables
- Integral junction box features (5) ½" and (5) ¾" knockouts (27 cubic inch capacity)

—
Poke-through: 2 power

Cat. no.	Description	Std. qty.	UPC no.
FPT-449	FPT flush poke-through assembly: base unit with solid brass cover	1	785991-07738
FPT-450	FPT flush poke-through assembly: base unit with solid aluminum cover	1	785991-07739
FPT-445-SW-BLK	FPT flush poke-through assembly: base unit with black non-metallic cover	1	785991-03524
FPT-445-SW-GRY	FPT flush poke-through assembly: base unit with gray non-metallic cover	1	785991-03527
FPT-445-SW-BGE	FPT flush poke-through assembly: base unit with beige non-metallic cover	1	785991-04489
FPT-445-SW-BRN	FPT flush poke-through assembly: base unit with brown non-metallic cover	1	785991-03525
FPT-400B	FPT poke-through base unit only (no duplex): cover purchased separately	1	786210-71526

16"

– Assembled units include (1) 20 A duplex receptacle, pre-wired with pig-tail ends in junction box

Diagrams

5¾"

Metallic

Device layout

7"

Non-metallic

Removable KO for communications cable (qty. = 3)

Opening for communication (equivalent to two ¾" conduits)

Opening for power (equivalent to one ½" conduit)

Cable entry

—
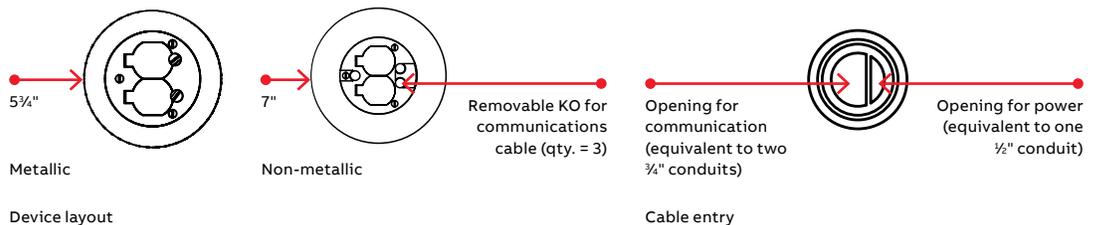
FPT flush series (cont.)

FPT-CACP   FPT-CACP-AL

Brushed metal finishes

FPT-441-SW-BLK   FPT-441-SW-GRY   FPT-441-SW-BGE   FPT-441-SW-BRN

Non-metallic colors and finishes

—
Poke-through covers

Cat. no.	Description	Std. qty.	UPC no.
FPT-CACP	Cover, FPT flush poke-through — solid brass, brushed finish, 5¾" diameter	10	785991-07740
FPT-CACP-AL	Cover, FPT flush poke-through — solid aluminum, brushed finish, 5¾" diameter	10	785991-07741
FPT-441-SW-BLK	Cover, FPT flush poke-through — black, non-metallic, 7" diameter	10	785991-03544
FPT-441-SW-GRY	Cover, FPT flush poke-through — gray, non-metallic, 7" diameter	10	785991-03515
FPT-441-SW-BGE	Cover, FPT flush poke-through — beige, non-metallic, 7" diameter	10	785991-04490
FPT-441-SW-BRN	Cover, FPT flush poke-through — brown, non-metallic, 7" diameter	10	785991-03513

– Non-metallic covers feature 3 openings for communications cables

—

Furniture feed — FFPT4 series

With limitations on the number of holes that can be drilled in a floor, it is important to maximize the capacity of each location. The FFPT4 series provides high capacity for both power wiring and communications cabling when feeding modular furniture — in a single core drill location!
- Capacity: ¾" hub for power wiring and 1¼" hub for communications cabling (plugs included)
- Core drill size: 4"

- Solid brass and aluminum finishes provide superior aesthetics and durability
- Powder-coated aluminum covers are available in black, gray, brown and beige to match any décor
- Integral junction box features (5) ½" and (5) ¾" knockouts (27 cubic inch capacity)

—
Poke-through

	Cat. no.	Description	Std. qty.	UPC no.
	FFPT4-BRS	FFPT4 series poke-through assembly: base unit with brushed brass cover	1	785991-04493
	FFPT4-ALM	FFPT4 series poke-through assembly: Base unit with brushed aluminum cover	1	785991-04494
	FFPT4-BLK	FFPT4 series poke-through assembly: Base unit with black powder-coat cover	1	785991-04495
18"	FFPT4	FFPT4 series poke-through base unit only: cover purchased separately (see page 14)	1	785991-04497

Diagrams

7¼"

1¼" threaded hub for communications

¾" threaded hub for power

Hub layout — cover

1¼" Conduit for communications

¾" Conduit for power

Cable entry

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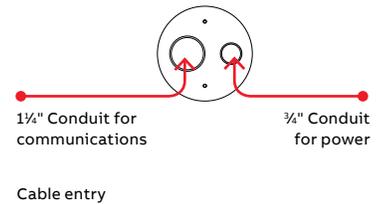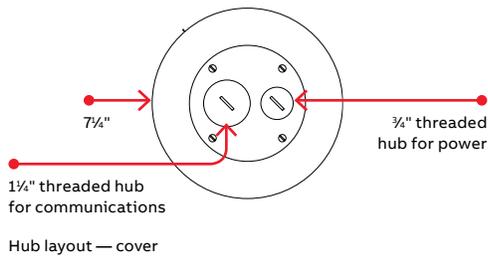
FFPT4 series (cont.)

—
Poke-through covers   UL

Cat. no.	Description	Std. qty.	UPC no.
FFPT4-CVR-BRS	Cover, FFPT4 series poke-through — solid brass, brushed finish	4	785991-04499
FFPT4-CVR-ALM	Cover, FFPT4 series poke-through — solid aluminum, brushed finish	4	785991-04500
FFPT4-CVR-BLK	Cover, FFPT4 series poke-through — aluminum with black powder-coat finish	4	785991-04501
FFPT4-CVR-GRY	Cover, FFPT4 series poke-through — aluminum with gray powder-coat finish	4	785991-04502
FFPT4-CVR-BGE	Cover, FFPT4 series poke-through — aluminum with beige powder-coat finish	4	785991-04503
FFPT4-CVR-BRN	Cover, FFPT4 series poke-through — aluminum with brown powder-coat finish	4	785991-04504

– See page 5 to view typical brushed metal and powder-coat colors and finishes

—
Replacement plug kits   UL

Cat. no.	Description	Std. qty.	UPC no.
FFPT4-RPK-BRS	FFPT4 replacement plug kit — solid brass, brushed finish	4	785991-04505
FFPT4-RPK-ALM	FFPT4 replacement plug kit — solid aluminum, brushed finish	4	785991-04506
FFPT4-RPK-BLK	FFPT4 replacement plug kit — aluminum with black powder-coat finish	4	785991-04507
FFPT4-RPK-GRY	FFPT4 replacement plug kit — aluminum with gray powder-coat finish	4	785991-04508
FFPT4-RPK-BGE	FFPT4 replacement plug kit — aluminum with beige powder-coat finish	4	785991-04509
FFPT4-RPK-BRN	FFPT4 replacement plug kit — aluminum with brown powder-coat finish	4	785991-04510

– Replacement plug kit includes (1) ¾" plug and (1) 1¼" plug

—

Furniture feed — FFPT3 series

When feeding large bundles of communications cables through a fire-rated floor, the FFPT3 series provides a high-capacity, straight-through wiring solution. It can also be used for power wiring.
• Capacity: concentric 1¼" and 2" hub for power or communications wiring (plugs included)
• Core drill size: 3"

• Solid brass and aluminum finishes provide superior aesthetics and durability
• Powder-coated aluminum covers are available in black, gray, brown and beige to match any décor
• Junction box not included

—
Poke-through

Cat. no.	Description	Std. qty.	UPC no.
FFPT3-BRS	FFPT3 series poke-through assembly: base unit with brushed brass cover	1	785991-04511
FFPT3-ALM	FFPT3 series poke-through assembly: base unit with brushed aluminum cover	1	785991-04512
FFPT3-BLK	FFPT3 series poke-through assembly: base unit with black powder-coat cover	1	785991-04513
FFPT3	FFPT3 series poke-through base unit only: cover purchased separately (see page 16)	1	785991-04514

7¾"

Diagrams

7"

2" and 1¼" concentric threaded hub

Hub layout — cover

2" conduit

Cable entry

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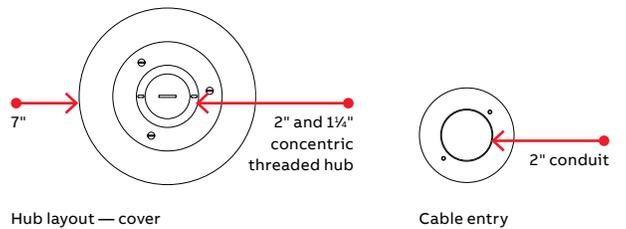
FFPT3 series (cont.)

—
Poke-through covers

Cat. no.	Description	Std. qty.	UPC no.
FFPT3-CVR-BRS	Cover, FFPT3 series poke-through — solid brass, brushed finish	4	785991-04515
FFPT3-CVR-ALM	Cover, FFPT3 series poke-through — solid aluminum, brushed finish	4	785991-04516
FFPT3-CVR-BLK	Cover, FFPT3 series poke-through — aluminum with black powder-coat finish	4	785991-04517
FFPT3-CVR-GRY	Cover, FFPT3 series poke-through — aluminum with gray powder-coat finish	4	785991-04518
FFPT3-CVR-BGE	Cover, FFPT3 series poke-through — aluminum with beige powder-coat finish	4	785991-04519
FFPT3-CVR-BRN	Cover, FFPT3 series poke-through — aluminum with brown powder-coat finish	4	785991-04520

– See page 5 to view typical brushed metal and powder-coat colors and finishes

—
Replacement plug kits

Cat. no.	Description	Std. qty.	UPC no.
FFPT3-RPK-BRS	Replacement plug kit — solid brass, brushed finish	4	785991-04521
FFPT3-RPK-ALM	Replacement plug kit — solid aluminum, brushed finish	4	785991-04522
FFPT3-RPK-BLK	Replacement plug kit — aluminum with black powder-coat finish	4	785991-04523
FFPT3-RPK-GRY	Replacement plug kit — aluminum with gray powder-coat finish	4	785991-04524
FFPT3-RPK-BGE	Replacement plug kit — aluminum with beige powder-coat finish	4	785991-04525
FFPT3-RPK-BRN	Replacement plug kit — aluminum with brown powder-coat finish	4	785991-04526

– Replacement plug kit includes (1) concentric 2" and 1¼" plug

Furniture feed — FPT furniture feed series

With three conduit hubs for power and communications and an integral junction box, the FPT Series provides a flexible, cost-effective furniture feed solution.

- Capacity: (2) ½" hubs and (1) ¾" hub for power and data (plugs included)
- Core drill size: 3"
- Non-metallic covers are available in black, gray, beige and brown

- Provided with Steel City die cast fittings for flexible metal conduit: (2) ½" and (1) ¾"
- Integral junction box features (5) ½" and (5) ¾" knockouts (27 cubic inch capacity)

—
Poke-through

	Cat. no.	Description	Std. qty.	UPC no.
	FPT-448-SW-BLK	FPT furniture feed poke-through assembly: base unit with black non-metallic cover	1	785991-03529
	FPT-448-SW-GRY	FPT furniture feed poke-through assembly: base unit with gray non-metallic cover	1	785991-03533
	FPT-448-SW-BGE	FPT furniture feed poke-through assembly: base unit with beige non-metallic cover	1	785991-04487
	FPT-448-SW-BRN	FPT furniture feed poke-through assembly: base unit with brown non-metallic cover	1	785991-03531
	FPT-400B	FPT poke-through base unit only: cover purchased separately (see below)	1	786210-71526P

16"

Diagrams

½" threaded hub

7"

¾" threaded hub

Hub layout — cover

Opening for communication (equivalent to two ¾" conduits)

Opening for power (equivalent to one ½" conduit)

Cable entry

—
Poke-through covers
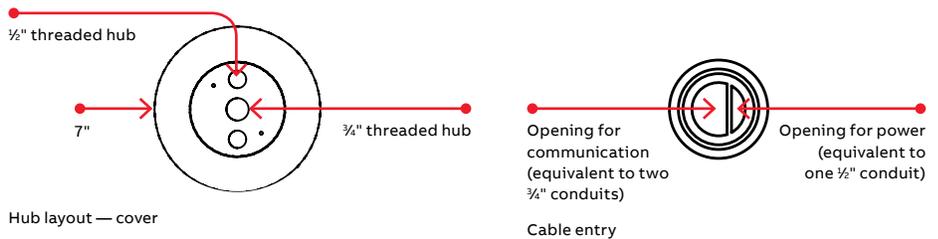
Cat. no.	Description	Std. qty.	UPC no.
FPT-442-SW-BLK	Cover, FPT flush poke-through — black, non-metallic, 7" diameter	10	785991-03518
FPT-442-SW-GRY	Cover, FPT flush poke-through — gray, non-metallic, 7" diameter	10	785991-03522
FPT-442-SW-BGE	Cover, FPT flush poke-through — beige, non-metallic, 7" diameter	10	785991-04488
FPT-442-SW-BRN	Cover, FPT flush poke-through — brown, non-metallic, 7" diameter	10	785991-03519

– See page 10 to view typical non-metallic cover colors and finishes

Above-floor pedestals — FPT pedestal series

FPT-401A

FPT-421

By mounting all outlets above floor level and at a 90˚ angle to the floor, the FPT pedestal series protects power receptacles and communications devices from dirt and debris. An overhanging housing provides additional protection for the outlets.

- Pedestals available in 2 compartment and 4 compartment for power and communications applications
- Core drill size: 3"
- Housings and device plates feature a brushed aluminum finish
- Integral junction box features (5) ½" and (5) ¾" knockouts (27 cubic inch capacity)

—
Pedestals and poke-through

16"

Cat. no.	Description	Std. qty.	UPC no.
FPT-401A	FPT pedestal, accepts 2 device plates, poke-through base unit purchased separately (2⅝" high, 4" wide, 4⅞" deep)	10	786210-71112
FPT-421	FPT pedestal, accepts 4 device plates, poke-through base unit purchased separately, (2⅝" high, 4" wide, 4⅞" deep)	5	786210-70608
FPT-400B	FPT poke-through base unit only	1	786210-71526

Diagram

Opening for communication (equivalent to two ¾" conduits)

Opening for power (equivalent to one ½" conduit)

Cable entry
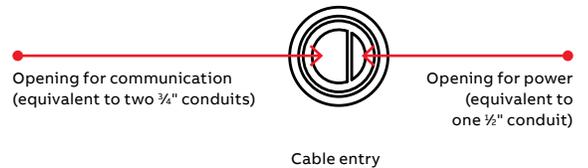
OPOD4-WH

—
Device plates and accessories

Cat. no.	Description	Std. qty.	UPC no.
FPT-424	Duplex device plate, aluminum with anodized finish	50	786210-70611
FPT-425	Blank device plate, aluminum with anodized finish	50	786210-70612
OPOD4-WH	4-port "106" duplex adapter for keystone jacks (for use with FPT-424 plate)	100	786210-79475
FPT-408A	Voltage divider for FPT-401A pedestal	10	786210-71193
FPT-422A	Voltage divider for FPT-421 pedestal	10	786210-70872
FPT-416	Adapter for conduit stub ups	50	786210-71113

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City of Chicago approved base units

(Cover purchased separately)

—
FPT4 poke-through

Cat. no.	Description	Std. qty.	UPC no.
FPT4-4P-4C-C	FPT4 poke-through base unit only, 4 20 A power receptacles, 4 communications devices	1	785991-04292
FPT4-2P-6C-C	FPT4 poke-through base unit only, 2 20 A power receptacles, 6 communications devices	1	785991-04293
FPT4-8C-C	FPT4 poke-through base unit only, 8 communications devices	1	785991-04294
FPT4-1TL21-2C-C	FPT4 poke-through base unit only, 20 A/125 V twist lock receptacle, 2 communications devices	1	785991-04288
FPT4-1TL22-2C-C	FPT4 poke-through base unit only, 20 A/250 V twist lock receptacle, 2 communications devices	1	785991-04289
FPT4-1TL31-2C-C	FPT4 poke-through base unit only, 30 A/125 V twist lock receptacle, 2 communications devices	1	785991-04290
FPT4-1TL32-2C-C	FPT4 poke-through base unit only, 30 A/250 V twist lock receptacle, 2 communications	1	785991-04291

– Covers purchased separately, see page 6
– All base units include appropriate communications conduit hub
– All base units include appropriate keystone communications device plate and category 5e keystone data jacks, see page 9 for additional device plates
– Power junction box not included — use City of Chicago approved box
– See pages 5–9 for additional details on FPT4 Series

(Cover purchased separately)

—
FPT3 poke-through

Cat. no.	Description	Std. qty.	UPC no.
FPT3-2P-2C-C	FPT3 poke-through base unit only, 1 20 A duplex receptacle, 2 communications	1	785991-04476

– Covers purchased separately, see page 9
– Includes (1) 20 A duplex receptacle, pre-wired
– Includes (2) Cat-5e data jacks
– Power junction box not included — use City of Chicago approved box
– See page 10 for additional details on FPT3 Series

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City of Chicago approved base units (cont.)

(Cover purchased separately)

—
FFPT4 poke-through

Cat. no.	Description	Std. qty.	UPC no.
FFPT4-C	FFPT4 poke-through base unit only	1	785991-04498

– Covers purchased separately, see page 6
– Power junction box not included — use City of Chicago approved box
– See page 5–9 for additional details on FFPT4 series

(Cover purchased separately)

—
FFPT3 poke-through

Cat. no.	Description	Std. qty.	UPC no.
FFPT3	FFPT3 poke-through base unit only	1	785991-04514

– Covers purchased separately, see page 10
– Power junction box not included — use City of Chicago approved box
– See page 10 for additional details on FFPT3 series

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Technical specifications

Fire rating and concrete thickness min./max. (all series)
- For use in 1, 1½ and 2-hour rated floors
- 1-hour rated floor
  - 2¼" minimum concrete over steel decking
  - 3" minimum concrete for reinforced slab
  - 7½" maximum concrete thickness
- 2-hour rated floor
  - 3¼" minimum concrete over steel decking
  - 4" minimum concrete for reinforced slab
  - 7½" maximum concrete thickness

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Flush power and communications poke-through systems — maximum allowable copper cross-sectional area for communications cabling

Poke-through series	Compartment B (left)	Compartment A (center)	Compartment B (right)
FPT4-4P-4C	**Power**	0.01630 sq. in	**Power**
FPT4-2P-6C	**Power**	0.01630. sq. in.	0.01536 sq. in.
FPT4-8C	0.01536 sq. in.	0.01630 sq. in.	0.01536 sq. in.
FPT4-1TL-2C	**Power**	**Power**	0.01536 sq. in.
FPT3-2P-2C	0.00321 sq. in.	**Power**	0.00321 sq. in.

Compartment B (left)
Compartment A (center)
Compartment B (right)
FPT4 series

Compartment B (left)
Compartment B (right)
Compartment A (center)
FPT3 series
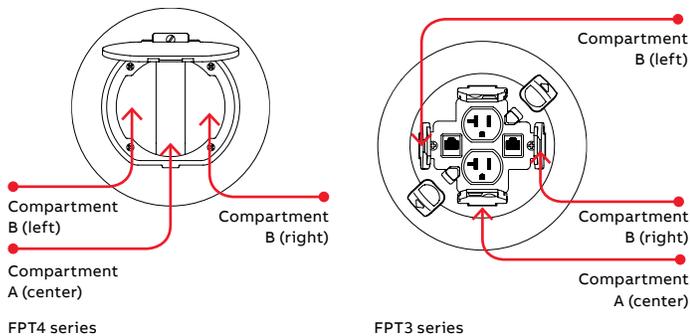
Materials
- FPT4 series
  - Covers: solid brass or aluminum
  - Conduit hubs: cast Iron
  - Base: die-cast zinc, galvanized steel and intumescent fire-stop material
  - Junction box: galvanized steel
- FPT3 series
  - Covers: solid brass or aluminum
  - Base: die-cast zinc, galvanized steel and intumescent fire-stop material
  - Junction box: galvanized steel
- FPT flush/furniture feed/pedestal series
  - Covers: Solid brass or aluminum, non-metallic — polycarbonate
  - Base: phenolic, galvanized steel and intumescent fire-stop material
  - Junction box: galvanized steel

Materials (cont.)
- FFPT4 series
  - Covers: solid brass or aluminum
  - Base: die-cast zinc, galvanized steel and intumescent fire-stop material
  - Junction box: galvanized steel
- FFPT3 series
  - Covers: solid brass or aluminum
  - Base: die-cast zinc, galvanized steel and intumescent fire-stop material

Installation spacing
- Minimum of 2 ft. on center
- Not more than one poke-through per 65 sq. ft. of floor area in each span

Maximum allowable copper cross-sectional area for communications cabling — furniture feed poke-through systems
- FFPT4 series
  - ¾" hub for power: 0.08192 sq. in.
  - 1¼" hub for communications: 0.07168 sq. in.
- FFPT3 series
  - 2" hub for power or communications: 0.1024 sq. in.

Cross-sectional area for common copper conductors	
24 AWG	0.00032 sq.in.
22 AWG	0.00050 sq.in.
14 AWG	0.00323 sq.in.
12 AWG	0.00512 sq.in.
10 AWG	0.00615 sq.in.
8 AWG	0.01296 sq.in.

Solid or stranded wires

RPT series
The RPT series has been superceded by the FPT4 series:

RPT series	FPT4 series
RPT-4P-2RJ	FPT4-4P-4C
RPT-2P-4RJ	FPT4-2P-6C
RPT-6RJ	FPT4-8C

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Notes

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Notes

ABB

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