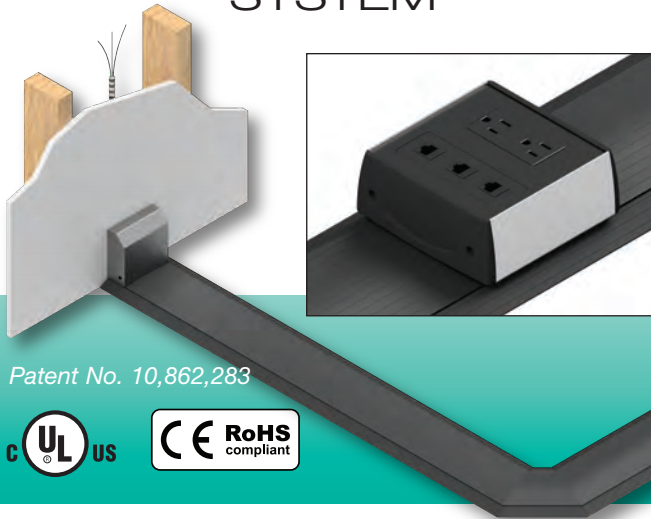


# SMART-WAY RACEWAY SYSTEM

# FSR

Power Products Group



Patent No. 10,862,283



## DESCRIPTION

The Smart-Way Raceway System is the intelligent choice for wire management. **It is now configurable for either on top of (vinyl, carpet, wood) or in any flooring (carpet, wood, tile, laminate) with the provided edging.**

The Smart-Way Raceway gets cables where they're needed. The Raceway is intended for offices, conference rooms, collaborative work environments, classrooms or anywhere wire management is desired. The Raceway compartments provide ample space for power, communications and A/V connectivity with the capacity to hold (14) 12 AWG (.130" diameter) power conductors, and (9) CAT 5E (.215" diameter), or (5) CAT 6A (.250" diameter) data cables.

The Smart-Way is only 0.6" high, ADA compliant, available in slate gray or aluminum finishes and is sold in sections. Its design includes centering V-grooves in the track to locate pilot/clearance holes for securing fasteners. Optional Elbow Kits are available to make 45 or 90-degree angles that will not compromise the minimum bend radius of the cables.

It's the most cost-effective and easiest way to get your power, data and AV across the room to where you really need it.

Our raceway can now provide you with that same functionality and aesthetic on your wall, with the wall raceway. The Smart-Way wall raceway offers a solution to transition from the floor to the ceiling with the same clean design. You can find part information listed page 6.



## FEATURES

- Installs on top of or in any flooring for a quick installation
- Ultra-low profile • ADA compliant • Competitive pricing
- Raceway compartments provide ample space for power, Communications, and A/V requirements
- Sold in 1', 3', 6' sections or in a 1' 2' 3' saw-less installation kit
- Available in slate gray or aluminum finishes
- Optional elbow kits for making 45 or 90-degree angle turns which will not compromise the minimal bend radius of wire
- The wall raceway provides a solution for walls that aren't accessible due to fire rating, brick, concrete columns, exterior walls, or walls with internal blocking. See page 6 for part information.

### Smart-Way Floor Mounted Raceway Load Capacity Chart

Component Type	Tire Load lbs.*	Axle Load lbs.*	Concentrated Load lbs.*
Raceway Straight Sections	8,000	16,000	1,500
Corner Fittings	2,500	5,000	1,000
Tee Fittings	1,500	3,000	1,000

\*- Tire load test mandrel, rubber faced 16.5" x 4";

\*\*- Concentrated load test mandrel, 3" round rubber faced.

Note:

1. Raceway mounted directly to a hard surface simulating an In-Carpet or On-Concrete installation.
2. The raceway is designed for light vehicle roll over and pedestrian traffic.

## FSR Inc.

244 Bergen Boulevard, Woodland Park, NJ 07424

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Web: [www.fsrinc.com](http://www.fsrinc.com) · E-mail: [sales@fsrinc.com](mailto:sales@fsrinc.com)

LIT17490

## Smart-Way Raceway Lengths

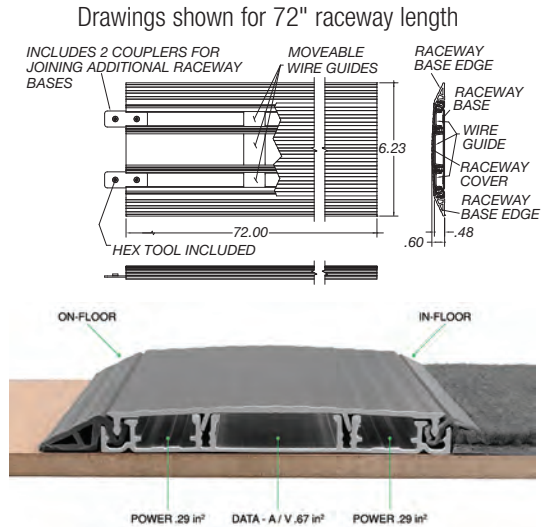


One end stop (SW-END) is required at the end of the Raceway.

18203	SW-T72-ALM	72" Raceway Aluminum
18204	SW-T72-SLT	72" Raceway Slate Gray
18297	SW-T36-ALM	36" Raceway Aluminum
18298	SW-T36-SLT	36" Raceway Slate Gray
18299	SW-T12-ALM	12" Raceway Aluminum
18300	SW-T12-SLT	12" Raceway Slate Gray
18301	SW-T123-ALM	1', 2', 3' Saw-less Installation Kit
18302	SW-T123-SLT	1', 2', 3' Saw-less Installation Kit
18478	SW-T24-ALM	24" Raceway Kit Clear Anodized Aluminum
18479	SW-T24-SLT	24" Raceway Kit Slate Powder Coat



Edging Installation



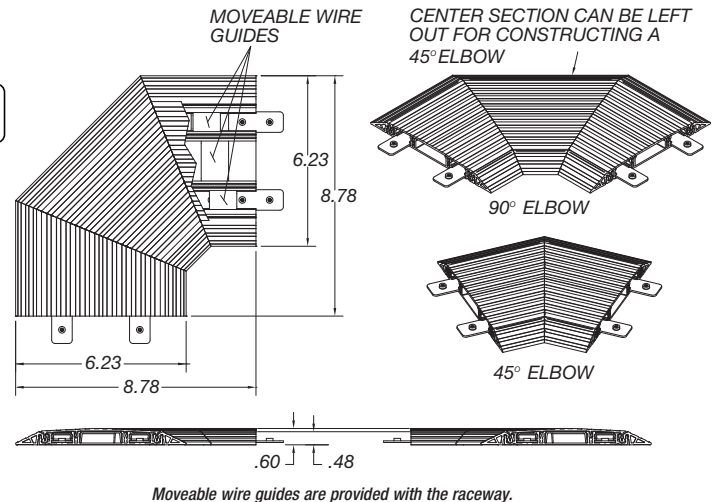
Each section includes a base and cover, couplers, moveable wire guides, raceway base edges, and a hex tool for installation.

## Smart-Way Corners and Fittings

18207	SW-L90-ALM	90° Corner Aluminum
18208	SW-L90-SLT	90° Corner Slate Gray
18303	SW-L45-ALM	45° Corner Aluminum
18304	SW-L45-SLT	45° Corner Slate Gray



The Smart-Way corners come in either a 45° or 90° corner. Both corners are available in aluminum and slate gray. The corner kits transition the cables seamlessly around a corner without compromising the minimal bend radius.



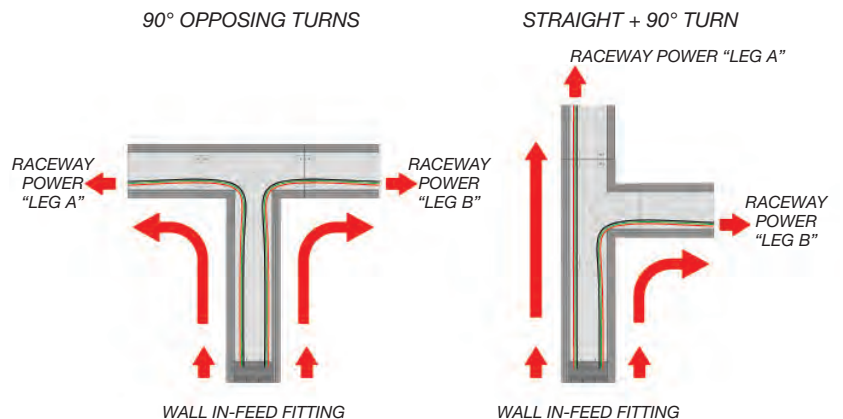
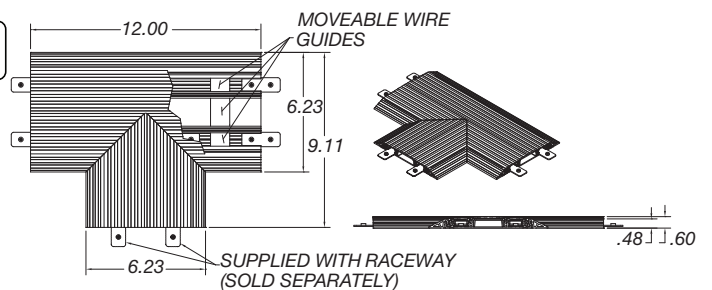
## Smart-Way Fitting Tee

18305	SW-TEE-ALM	Two Part Tee
18306	SW-TEE-SLT	Two Part Tee



The two part tee allows cables to go in both directions to reach the required destination without any complications.

Both outer power channels are used to deliver AC to each leg independently.



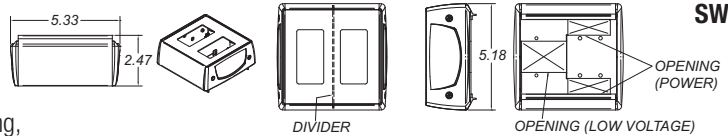
Visit [www.fsrinc.com](http://www.fsrinc.com) for detailed drawings and installation documents.

# Smart-Way Device Boxes



## 18211 SW-DB-1P1D

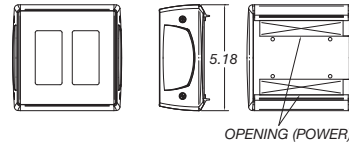
2 gang device box with 1 power and 1 low voltage Decora opening, the divider is not removable.



SW-DB-1P1D

## 18212 SW-DB-2P

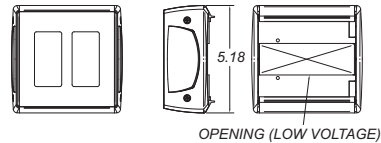
2 gang device box with 2 power Decora openings (NEMA spacing). Accesses the 2 outer channels only.



SW-DB-2P

## 18213 SW-DB-2D

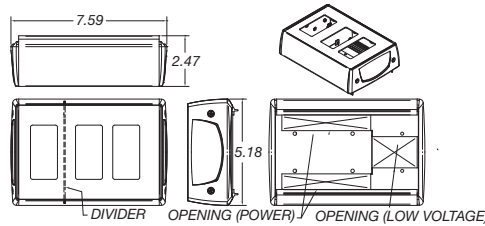
2 gang device box with 2 low voltage Decora openings (NEMA spacing). Accesses the inner channel only.



SW-DB-2D

## 18214 SW-DB-2P1D

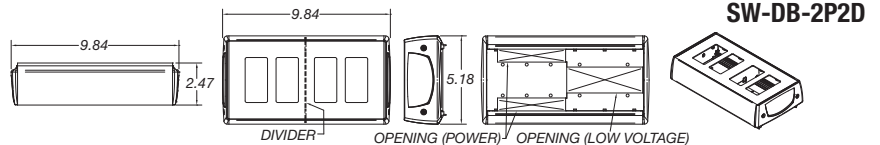
3 gang device box with 2 power and 1 low voltage Decora opening. The two power openings have NEMA spacing. The compartments access the appropriate track channels, can't be interchanged, and the divider is not removable.



SW-DB-2P1D

## 18440 SW-DB-2P2D

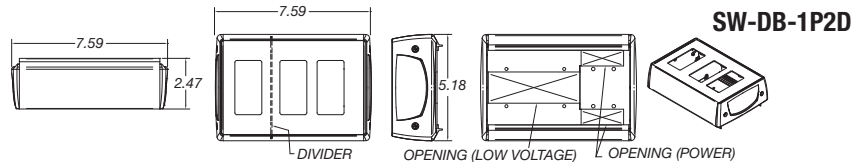
4 gang device box with 2 power and 2 low voltage Decora opening. The two sets of openings have NEMA spacing. The compartments access the appropriate track channels, can't be interchanged, and the divider is not removable.



SW-DB-2P2D

## 18215 SW-DB-1P2D

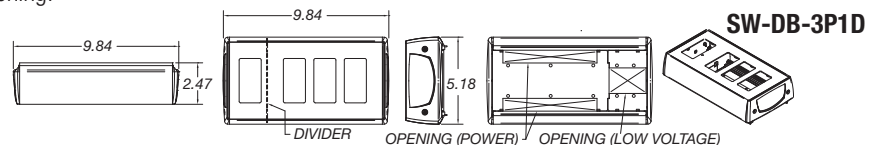
3 gang device box with 1 power and 2 low voltage Decora openings. The two low voltage openings have NEMA spacing. The compartments access the appropriate track channels, can't be interchanged, and the divider is not removable.



SW-DB-1P2D

## 18441 SW-DB-3P1D

4 gang device box with 3 power and 1 low voltage Decora opening. The three power openings have NEMA spacing. The compartments access the appropriate track channels, can't be interchanged, and the divider is not removable.



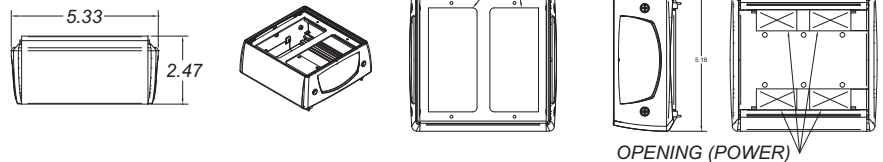
SW-DB-3P1D

# International Device Boxes, Plate Inserts and Power Receptacles



## 18337 SW-IDB-2P

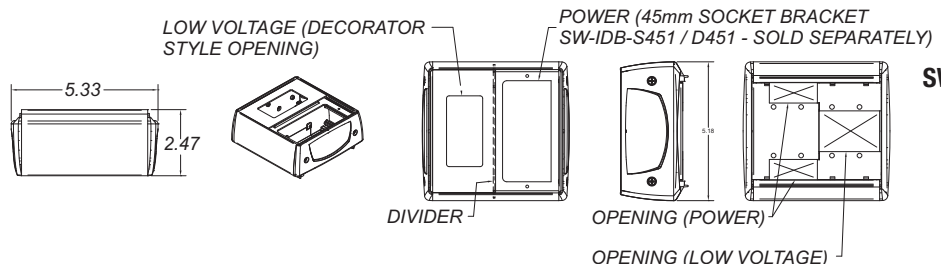
International Device Box with 2 openings for power inserts.



SW-IDB-2P

## 18338 SW-IDB-1P1D

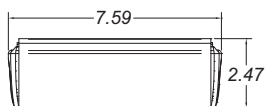
International Device Box with openings for 1 power insert/1 Decora opening.



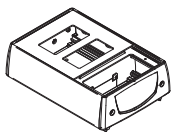
SW-IDB-1P1D

**18339 SW-IDB-1P2D**

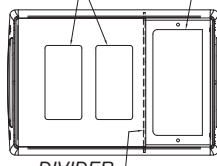
International Device Box with 1 openings for power Insert/2 Decora openings.



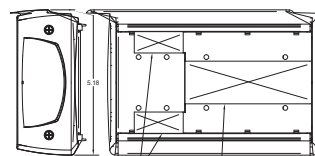
LOW VOLTAGE (DECORATOR STYLE OPENING)



POWER (45mm SOCKET BRACKET SW-IDB-S451 / D451 - SOLD SEPARATELY)



DIVIDER



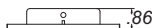
OPENING (POWER)

OPENING (LOW VOLTAGE)

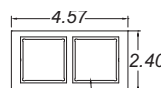
**SW-IDB-1P2D**

**18340 SW-IDB-D45I**

Device Plate Insert w/ 2-45mm openings for power receptacles.



BOX SOLD SEPARATELY



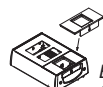
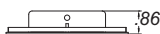
OPENING FOR 45mm CONNECTOR

COVER PLATE  
DEVICE INSERT PLATE

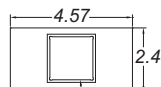
**SW-IDB-D45I**

**18341 SW-IDB-S45I**

Device Plate Insert w/ 45mm opening for a power receptacle.



BOX SOLD SEPARATELY



OPENING FOR 45mm CONNECTOR

COVER PLATE  
DEVICE INSERT PLATE

**SW-IDB-S45I**

**18356 SOC45-UN**

45mm Universal Socket 10 Amp / 250VAC

**18357 SOC45-TF**

45mm Type F SCHUKO - Europe & Russia 16 Amp / 250VAC

**18358 SOC45-TI**

45mm Type I - Australia, New Zealand, China & Argentina 10 Amp / 250VAC

**18359 SOC45-TG**

45mm Type G - UK, Ireland, Malta, Malaysia & Singapore 13 Amp / 250VAC



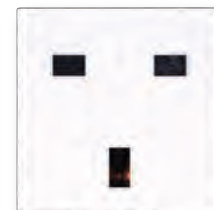
18356 SOC45-UN



18357 SOC45-TF



18358 SOC45-TI



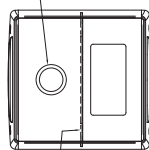
18359 SOC45-TG

**Smart-Way Hardwired Raceway Transitions**

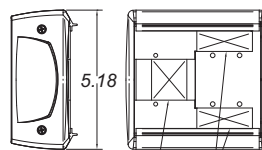
**18216 SW-DB-1HWP1D**

2 gang device box with 1 gang power - 1 1/2" & 3/4" KO - and 1 gang low voltage Decora opening. Power the Modular Linx System using 1 Female Connector in-feed plate installed in SW-DB-1HWP1D.

1/2" & 3/4" KNOCKOUT



DIVIDER



OPENING (LOW VOLTAGE)

OPENING (POWER)

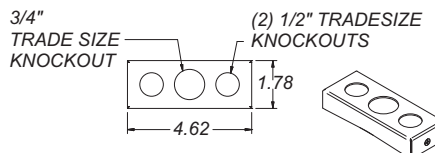
5.18

**SW-DB-1HWP1D**

**18320 SW-FCT-SLT**



Flexible conduit transition with removable dividers. Its small design allows wires and cables to transition from the Smart-Way raceway to



(2) 1/2" TRADESIZE KNOCKOUTS

**SW-FCT-SLT**



# Smart-Way Wall Feed Boxes

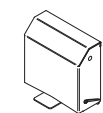
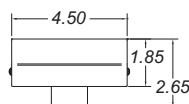
## For New or Old Construction

18217 SW-WF-LP-ALM

18219 SW-WF-LP-SLT



SW-WF-LP

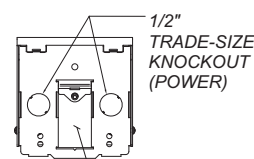


WITH COVER



WITHOUT COVER

REMOVABLE LOW VOLTAGE COVER



OPENING (LOW VOLTAGE)

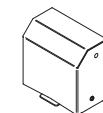
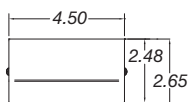
Wall feed for 1 or 2 circuits of power and low voltage feed through.

18218 SW-WF-HP-ALM

18220 SW-WF-HP-SLT



SW-WF-HP

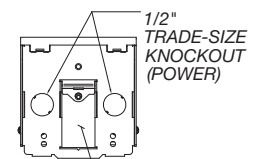


WITH COVER



WITHOUT COVER

REMOVABLE LOW VOLTAGE COVER



OPENING (LOW VOLTAGE)

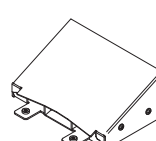
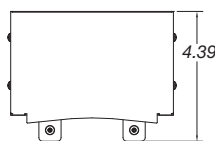
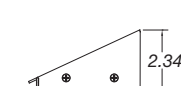
Wall feed for 2 or more circuits of power and low voltage feed through.

18332 SW-WF-WLP-SLT

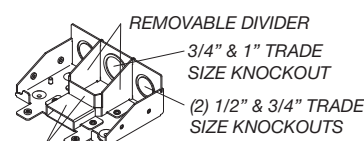
Wall Feed for metal stud only with 1 or 2 circuits of power per channel and low voltage.



SW-WF-WLP-SLT



WITH COVER



REMOVABLE DIVIDER

WITHOUT COVER

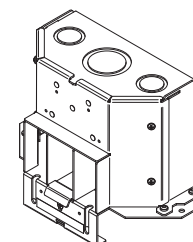
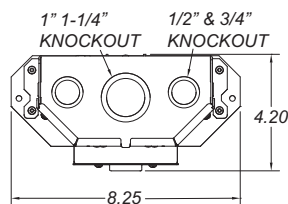
REMOVABLE DIVIDER  
3/4" & 1" TRADE SIZE KNOCKOUT  
(2) 1/2" & 3/4" TRADE SIZE KNOCKOUTS

## For New Construction

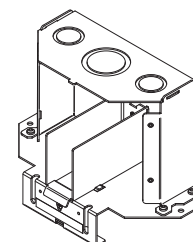
18317 SW-WF-RIN

In-wall rough-in feed with construction cover. Use with SW-RINLP on-wall feed.

SW-WF-RIN



CONSTRUCTION COVER REMOVED



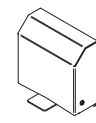
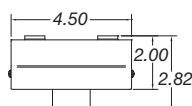
FRONT COVER REMOVED

18333 SW-WF-RINLP-ALM

18334 SW-WF-RINLP-SLT

On-wall feed with cover. Use with SW-WF-RIN in-wall rough-in feed to pass wires through and into the raceway.

SW-RINLP

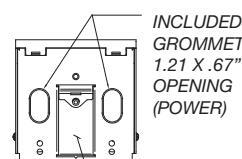


WITH COVER



WITHOUT COVER

REMOVABLE LOW VOLTAGE COVER



OPENING (LOW VOLTAGE)

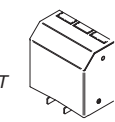
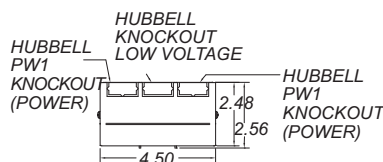
## For Surface Mount Applications

18221 SW-WF-RCWY-ALM

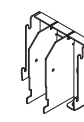
18222 SW-WF-RCWY-SLT

Kits contains:

- 1 Smart-Way Wall Feed Box
- 1 Hubbell 1G Low Profile Box (PW1LPB)
- 1 Hubbell 1G Box Cover (KP14)
- 1 Hubbell Flat Elbow (PW1FE)
- 2 Hubbell 30" Wall Track (PW1BC)



WITH COVER



WITHOUT COVER

Smart-Way Raceway wall feed kit, closeup.

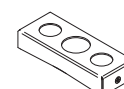
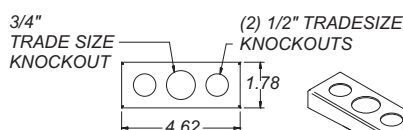


Smart-Way Raceway with wall feed kit, power and data.

18320 SW-FCT-SLT

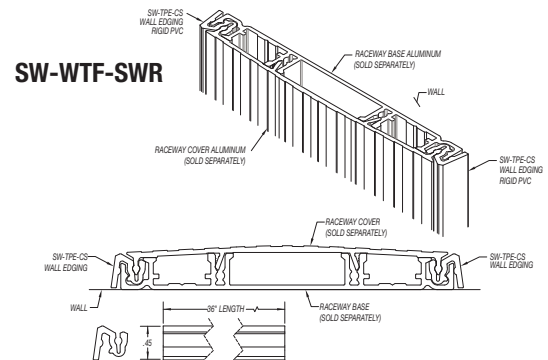
Surface mount conduit transition In-Feed with removable dividers. Its small design allows wires and cables transition from conduit to the Smart-Way raceway.

SW-FCT-SLT



# WALL RACEWAY ORDERING TABLE

Item#	Part#	Description
18573	SW-TPE-CS	Edging for Wall Raceway
18574	SW-WT-SWR-SLT	Floor to Wall Transition Slate
18575	SW-WT-SWR-ALM	Floor to Wall Transition Aluminum
18576	SW-WT-FC	Ceiling to Wall Raceway Feed



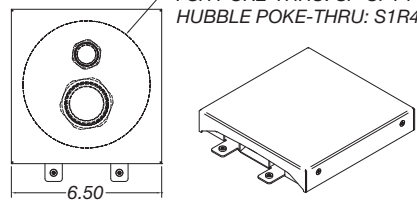
## Additional In-Feeds

### 18326 SW-PKF-SFIT4

Poke through to Smart-Way In-Feed. Allows power and data to feed the raceway through fire rated concrete floors. To be used with FSR 4" SF-CPT-FF-ALM poke through.

### SW-PKF-SFIT4

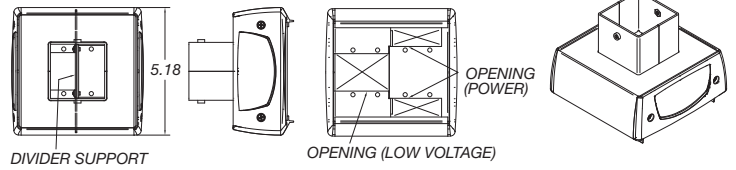
POKE-THRU SOLD SEPARATELY  
FSR POKE-THRU: SF-CPT-FF-ALM  
HUBBLE POKE-THRU: S1R4PTFFALU



### 18328 SW-DB-HPP

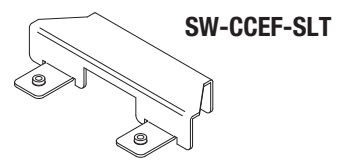
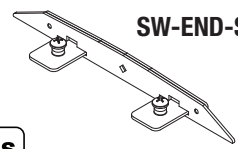
Power Pole to Smart-Way In-Feed. Feed power and data to the raceway from the ceiling with a power pole. To be used with Hubbell aluminum service pole HBLPP- .

### SW-DB-HPP



## Smart-Way Installation Accessories

18206 SW-END-SLT Raceway End Stop - Slate  
\*Required at the end of the raceway



18308 SW-CCEF-SLT Center Channel End Feed (same as stick end)

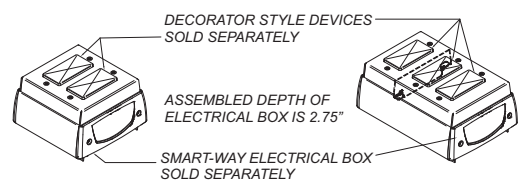


18318 SW-DB-2GEXT 2 gang 1" Extension Cover (Device Box Not Included)

### SW-DB-2GEXT

### SW-DB-3GEXT

18319 SW-DB-3GEXT 3 gang 1" Extension Cover (Device Box Not Included)



18321 SS-BRSH-BLK Brush Insert for Decora Opening

18277 SW-CVR-TOOL Smart-Way Cover Removal Tool

### WM-CP-BCKMT



Visit [www.fsrinc.com](http://www.fsrinc.com) for detailed drawings and installation documents.

18327 SW-TPE-NO No Transition Flush Plastic Edging

18307 SW-STRC-6 6 pack of extra couplers

18322 WM-CP-BCKMT Cable Path from Table to Smart-Way Device Box



### MLS-SW-2SO

18488 MLS-SW-2SO Power the Modular Linx System using 1 Female Connector in-feed plate, requires SW-DB-1HWP1D

## FSR Inc.

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