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 angle turns which 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. See LIT1860 for more information.

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
• Wall Raceway available. See LIT1860 for more information

Smart-Way Floor Mounted Raceway Load Capacity Chart

<table>
<thead>
<tr>
<th>Component Type</th>
<th>Tire Load lbs.*</th>
<th>Axle Load lbs.*</th>
<th>Concentrated Load lbs.*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raceway Straight Sections</td>
<td>8,000</td>
<td>16,000</td>
<td>1,500</td>
</tr>
<tr>
<td>Corner Fittings</td>
<td>2,500</td>
<td>5,000</td>
<td>1,000</td>
</tr>
<tr>
<td>Tee Fittings</td>
<td>1,500</td>
<td>3,000</td>
<td>1,000</td>
</tr>
</tbody>
</table>

* 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.
**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

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.fsrintc.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.

18212 **SW-DB-2P**
2 gang device box with 2 power Decora openings (NEMA spacing). Accesses the 2 outer channels only.

18213 **SW-DB-2D**
2 gang device box with 2 low voltage Decora openings (NEMA spacing). Accesses the inner channel only.

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.

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.

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.

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.

### International Device Boxes, Plate Inserts and Power Receptacles

18337 **SW-IDB-2P**
International Device Box with 2 openings for power inserts.

18338 **SW-IDB-1P1D**
International Device Box with openings for 1 power insert/1 Decora opening.
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>18339</td>
<td>SW-IDB-1P2D</td>
</tr>
<tr>
<td>18340</td>
<td>SW-IDB-D45i</td>
</tr>
<tr>
<td>18341</td>
<td>SW-IDB-S45i</td>
</tr>
<tr>
<td>18356</td>
<td>SOC45-UN</td>
</tr>
<tr>
<td>18357</td>
<td>SOC45-TF</td>
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<tr>
<td>18358</td>
<td>SOC45-TI</td>
</tr>
<tr>
<td>18359</td>
<td>SOC45-TG</td>
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</table>

**Smart-Way Hardwired Raceway Transitions**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>18216</td>
<td>SW-DB-1HWP1D</td>
</tr>
<tr>
<td>18320</td>
<td>SW-FCT-SLT</td>
</tr>
</tbody>
</table>
## Smart-Way Wall Feed Boxes

### For New or Old Construction

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>18217</td>
<td>SW-WF-LP-ALM Wall feed for 1 or 2 circuits of power and low voltage feed through.</td>
<td><img src="image" alt="SW-WF-LP" /></td>
</tr>
<tr>
<td>18219</td>
<td>SW-WF-LP-SLT Wall feed for 1 or 2 circuits of power and low voltage feed through.</td>
<td><img src="image" alt="SW-WF-LP-SLT" /></td>
</tr>
<tr>
<td>18218</td>
<td>SW-WF-HP-ALM Wall feed for 2 or more circuits of power and low voltage feed through.</td>
<td><img src="image" alt="SW-WF-HP" /></td>
</tr>
<tr>
<td>18220</td>
<td>SW-WF-HP-SLT Wall feed for 2 or more circuits of power and low voltage feed through.</td>
<td><img src="image" alt="SW-WF-HP-SLT" /></td>
</tr>
<tr>
<td>18332</td>
<td>SW-WF-WLP-SLT Wall feed for 1 or 2 circuits of power and low voltage feed through.</td>
<td><img src="image" alt="SW-WF-WLP-SLT" /></td>
</tr>
</tbody>
</table>

### For New Construction

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>18317</td>
<td>SW-WF-RIN In-wall rough-in feed with construction cover. Use with SW-RINLP on-wall feed.</td>
<td><img src="image" alt="SW-WF-RIN" /></td>
</tr>
<tr>
<td>18333</td>
<td>SW-RINLP-ALM On-wall feed with cover. Use with SW-WF-RIN in-wall rough-in feed to pass wires through and into the raceway.</td>
<td><img src="image" alt="SW-RINLP-ALM" /></td>
</tr>
<tr>
<td>18334</td>
<td>SW-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.</td>
<td><img src="image" alt="SW-RINLP-SLT" /></td>
</tr>
</tbody>
</table>

### For Surface Mount Applications

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>18221</td>
<td>SW-WF-RCWY-ALM 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)</td>
<td><img src="image" alt="SW-WF-RCWY-ALM" /></td>
</tr>
<tr>
<td>18222</td>
<td>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)</td>
<td><img src="image" alt="SW-WF-RCWY-SLT" /></td>
</tr>
<tr>
<td>18320</td>
<td>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.</td>
<td><img src="image" alt="SW-FCT-SLT" /></td>
</tr>
</tbody>
</table>
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.

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-.

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) RoHS compliant
18318 SW-DB-2GEXT Device Box
18319 SW-DB-3GEXT Extension (1”) (Device Box Not Included)
18321 SS-BRSH-BLK Brush Insert for Decora Opening
18277 SW-CVR-TOOL Smart-Way Cover Removal Tool
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
18488 MLS-SW-2SO Power the Modular Linx System using 1 Female Connector in-feed plate, requires SW-DB-1HWP1D

Visit www.fsrinc.com for detailed drawings and installation documents.

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Specifications are subject to change without notice.