ONE-OF-A-KIND PROJECT ASSISTANCE

Our Project Services team is dedicated to delivering unparalleled project support from start to finish. From initial project scope and take-offs to final product delivery that meets your construction schedule, we are committed to bringing your vision to life.

For each project we provide:
- Design Assistance
- Proposal Development Support
- Project Take-Offs
- Guaranteed Bill of Material
- Preparation of Bid
- Installation Drawings
- Electronic Drawing Transfer

THINK AN INFLOOR SYSTEM IS RIGHT FOR YOU?

Visit us at www.legrand.us/infloor to kick off your next project.
What if your call center expands exponentially? Or your casino floor plan changes overnight? Or a new kind of business moves into your commercial office space? With infloor systems from Legrand, it’s easy to deliver power and communications for what you have. And what you have in mind.

An infloor system is ideal for your new construction project if you’re looking for:

- Easy access to power and communications wherever you want them
- Maximum cable capacity now and in the future
- Flexibility to move, add or change your system activations at any time without added cost
- A time trusted reliable system that allows your open space to perform flawlessly

Legrand infloor systems are built on a heritage that stems from Walker Brothers, the name synonymous with infloor for more than a century. Our infloor ducts span over 10,000 miles in more than 15,000 projects around the world, providing a breadth of systems and accessories unlike any other. All supported with individualized project services assistance. From start to finish.
Every infloor system consists of two parts – distribution runs and feeder runs.

DISTRIBUTION RUNS:

Walkerduct® Underfloor Duct
Highly flexible system combines 1, 2 or 3 ducts of varying sizes to meet project demands.
Ideal for:
- Casinos
- Commercial offices
- Education
- Government
- Museums
- Retail

Walkercell® Cellular Raceway
High capacity, three-in-one system installs quickly and easily.
Ideal for:
- Call centers
- Data centers
- Education

Flushduct® Infloor Raceway
Slim system design combines 1, 2 or 3 ducts and fits into extremely shallow concrete slabs.
Ideal for:
- Retail

FEEDER RUNS:

Trenchduct
High capacity feeder system installs flush to the finished floor for easy access to cables post-installation. Requires larger slab depth.
Compatible with:
- Walkercell
- Walkerduct

Junction Box Header
High capacity feeder system installs flush with Walkercell and fits into medium-sized slabs.
Compatible with:
- Walkercell

System Feeds
Each distribution system can also be fed by its own duct runs and connected via junction boxes.
Compatible with:
- Flushduct
- Walkercell
- Walkerduct
The Walkerduct system includes two sizes of underfloor ducts – No. 2 and No. 4 – for maximum flexibility. This allows you to match cable capacity to project demands by combining several ducts of different sizes in the same system.

KEY SYSTEM FEATURES:

- 16-gauge galvannealed steel with continuous seam weld construction prevents moisture in the duct
- Wide variety of service fittings, including flush and pedestal styles
- Ducts are available with or without presets. There are two types of presets:
  - Pro Series: Rectangular presets accommodate a large variety of service fittings, including flush options, while providing ample bend radius to ensure the integrity of fiber optic cable connections.
  - IPS: Round presets offer smaller egress areas and work with pedestal style activations. Ideal for furniture feed applications.
- Boxes can also be field-attached. These are called aftersets and are available in a range of depths.
- UL & CUL Standard 884

FEEDER SYSTEM COMPATIBILITY:

TRENCHDUCT
Trenchduct allows easy access to cabling after installation via removable cover plates. It features extremely large cable capacity and is available in many different widths and depths to accommodate all jobs. Trenchduct is installed above the Walkerduct system, flush with the finished floor.

JUNCTION BOXES
Walkerduct junction boxes are available in several configurations to accommodate 1, 2, 3 and 4 duct systems. Standard cover plates are ¾” thick and can be customized with round or square access openings to complement space design. Junction boxes can also be used in terrazzo applications by adding an optional terrazzo holder. Consult factory for additional custom options including heavy load applications.

WALKERDUCT SYSTEM OPTIONS

WALKERDUCT WIRE FILL CAPACITY

<table>
<thead>
<tr>
<th>Wire Type</th>
<th>Unfinished Twisted Pair</th>
<th>Telephone</th>
<th>Cables</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highline Type</td>
<td>Cable/Tube Capacity</td>
<td>2-pair, 24 AWG</td>
<td>4-pair, 24 AWG</td>
</tr>
<tr>
<td>Unshielded Twisted Pair</td>
<td></td>
<td>2-pair, 24 AWG</td>
<td>4-pair, 24 AWG</td>
</tr>
<tr>
<td>Type</td>
<td>Width (mm)</td>
<td>0.015</td>
<td>0.015</td>
</tr>
<tr>
<td>No. 2 Duct</td>
<td>3.313</td>
<td>55</td>
<td>27</td>
</tr>
<tr>
<td>No. 4 Duct</td>
<td>8.58</td>
<td>91</td>
<td>71</td>
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<table>
<thead>
<tr>
<th>Coaxial Type</th>
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<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coaxial Type</td>
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<tr>
<td>Coaxial Type</td>
<td>Unfinished Twisted Pair</td>
<td>Telephone</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Shielded Twisted Pair</th>
<th>Unfinished Twisted Pair</th>
<th>Telephone</th>
<th>Cables</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Width (mm)</td>
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<td>0.025</td>
</tr>
<tr>
<td>Pro Series Type 1</td>
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<td>Pro Series Type 2</td>
<td>6.53</td>
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</tr>
<tr>
<td>Pro Series Type 3</td>
<td>10.8</td>
<td>33</td>
<td>33</td>
</tr>
</tbody>
</table>

*Consult factory for Cat5a wire fill information.

SERVICE FITTINGS

- Pro Series: Compatible with Walkerduct Pro Series Presets and available in solid brass, brushed aluminum, powder-coated aluminum and non-metallic finishes.

- Multiplex™ Series: Available in brushed aluminum and accommodate power and communication connections in a pedestal style.

- 525™ Series: Available in brushed aluminum and accommodate interchangeable faceplates in a pedestal style.

- 1200™ Series: Compatible with Walkerduct IPS presets and available in aluminum or brass.

- Source 1 Series: Offer single and dual-service power and communications connections in a flush style.
SYSTEM FEATURES:
- Can be installed in medium-sized concrete slabs (3½” - 6”)
- Cost-effective and completely customizable option
- Compatible with wide variety of service fittings
- Enables heavy load applications

COMMON LAYOUTS:
- Raceway 5’ or 6’ on center, presets 24” on center
- Raceway 10’ on center, presets 24” on center
- Raceway 5’ or 6’ on center, no presets
**SYSTEM FEATURES:**
- Must be installed in concrete slabs at least 4" deep.
- Combines flexibility of Walkerduct with high capacity of Trenchduct.
- Easy access to cabling post-install.
- Enables heavy load applications.

**COMMON LAYOUTS:**
- Raceway 5' or 6' on center, no presets.
- Raceway 5' or 6' on center, presets 24" on center.
- Raceway 10' on center, presets 24" on center.

**SERVICE FITTING COMPATIBILITY:**
- 1200 Series
- 525 Series
- Multiplex Series
- Pro Series
- PSRC Series
- Source 1 Series
- Trench Access Hood

**WALKER DUCT WITH TRENCH DUCT**
- Support Coupling
- IPS Preset
- Riser
- Leveling Foot
- Trenchduct T-Unit
- Pro Series Preset
- #2 Duct
- #4 Duct
- Typical spacings between presets: 12" or 24" on center.
- Typical spacings between raceways: 5', 6', 10' on center.
- Standard preset heights: 1" [25mm], 1½" [38mm], 2" [51mm], 2½" [64mm], and 3" [76mm]. Consult factory for additional heights.
- Typical spacings between raceways: 5', 6', 10' on center.
- Standard preset heights: 1" [25mm], 1½" [38mm], 2" [51mm], 2½" [64mm], and 3" [76mm]. Consult factory for additional heights.
**Walkercell**

**FloorPort Series**
Available in flush or recessed style, FloorPort fittings include blank or furniture feed covers in aluminum, black, brass, bronze, gray and nickel finishes.

**LEGRAND.US/INFLOOR**

**FEEDER SYSTEM COMPATIBILITY:**

**TRENCHDUCT**
Trenchduct allows easy access to cabling after installation via removable cover plates. It features extremely large cable capacity and is available in many different widths and depths to accommodate all jobs. Trenchduct is installed above the Walkercell system, flush with the finished floor.

**JUNCTION BOX HEADER**
Walkercell Junction Box Header is a high capacity feeder system that’s installed at the same height as the Walkercell distribution runs – typically 4–6” beneath the slab. Junction boxes feature round access openings and are available in many different configurations to meet the needs of any job. Consult factory for custom options including heavy load applications.

**WALKERCCELL JUNCTION BOXES**
Walkercell junction boxes feature round access openings and are available in many different configurations to meet the needs of every job. They offer a moderate cable capacity and provide a cost-effective feeder system option. Consult factory for custom options including heavy load applications.

**WALKERCELL COMMUNICATIONS WIRE FILL CAPACITY**

<table>
<thead>
<tr>
<th>Raceway Type</th>
<th>Cell/Cell Capacity</th>
<th>Unshielded Twisted Pair*</th>
<th>Telephone</th>
<th>Coastal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4-pair, 24 AWG, Cat 5</td>
<td>4-pair, 24 AWG, Cat 6</td>
<td>2-pair, 24 AWG</td>
<td>25-pair, 24 AWG</td>
</tr>
<tr>
<td>WCR11/2</td>
<td>0.038</td>
<td>0.049</td>
<td>0.015</td>
<td>0.030</td>
</tr>
<tr>
<td>WCR2</td>
<td>0.115</td>
<td>0.115</td>
<td>0.089</td>
<td>0.158</td>
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<tr>
<td>WCR3</td>
<td>0.188</td>
<td>0.187</td>
<td>0.133</td>
<td>0.268</td>
</tr>
</tbody>
</table>

*Consult factory for Cat6a wire fill information.

**WALKERCELL POWER WIRE FILL CAPACITY**

<table>
<thead>
<tr>
<th>Raceway Type</th>
<th>Cell/Cell Capacity</th>
<th>14 AWG</th>
<th>12 AWG</th>
<th>10 AWG</th>
<th>8 AWG</th>
<th>6 AWG</th>
<th>4 AWG</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>0.0087</td>
<td>0.0097</td>
<td>0.0110</td>
<td>0.0182</td>
<td>0.0182</td>
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<tr>
<td>WCR11/2</td>
<td>8.2</td>
<td>16.9</td>
<td>17.3</td>
<td>16.6</td>
<td>16.6</td>
<td>16.6</td>
<td>16.6</td>
</tr>
<tr>
<td>WCR2</td>
<td>11.1</td>
<td>22.2</td>
<td>22.2</td>
<td>21.1</td>
<td>21.1</td>
<td>21.1</td>
<td>21.1</td>
</tr>
<tr>
<td>WCR3</td>
<td>18.8</td>
<td>37.6</td>
<td>37.6</td>
<td>35.1</td>
<td>35.1</td>
<td>35.1</td>
<td>35.1</td>
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</tbody>
</table>

**SERVICE FITTINGS**

**FloorPort Series**
Available in flush or recessed style, FloorPort fittings include blank or furniture feed covers in aluminum, black, brass, bronze, gray and nickel finishes.

**Consult factory for compatibility with other service fittings.**

**WALKERCELL SYSTEM OPTIONS**
Preset adds height of 1½” (PK150) – 3½” (PK350)

17¼” (448mm) WCR1½ Total capacity: 24.3 in²
21¼” (552mm) WCR2 Total capacity: 26.3 in²
21¼” (552mm) WCR3 Total capacity: 46.1 in²

**KEY SYSTEM FEATURES:**
- Ample bend radius throughout the system maintains the integrity of fiber optic cable connections
- Triple service presets deliver up to three services to the workstation at one location. These larger presets span all three cells and enable connection of FloorPort™ Service Fittings
- FloorPort Service Fittings are UL scrub water listed
- UL & CUL Standard 209

**TRENCHDUCT OPTIONS**

<table>
<thead>
<tr>
<th>Preset 1½”</th>
<th>Preset 2”</th>
<th>Preset 3”</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.2 in²</td>
<td>8.2 in²</td>
<td>8.2 in²</td>
</tr>
<tr>
<td>4.2 in²</td>
<td>4.2 in²</td>
<td>4.2 in²</td>
</tr>
<tr>
<td>8.2 in²</td>
<td>8.2 in²</td>
<td>8.2 in²</td>
</tr>
</tbody>
</table>

17¼” (448mm) WCR1½ Total capacity: 24.3 in²
21¼” (552mm) WCR2 Total capacity: 26.3 in²
21¼” (552mm) WCR3 Total capacity: 46.1 in²

**Unshielded Twisted Pair**

<table>
<thead>
<tr>
<th>TYPE 1</th>
<th>TYPE 2</th>
<th>TYPE 3</th>
<th>2 Strand</th>
<th>4 Strand</th>
<th>Fiber ZipCord</th>
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</thead>
<tbody>
<tr>
<td>Sq. In</td>
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<td>0.177</td>
<td>0.177</td>
<td>0.177</td>
<td>0.177</td>
</tr>
<tr>
<td>WCR11/2</td>
<td>0.2</td>
<td>0.2</td>
<td>0.2</td>
<td>0.2</td>
<td>0.2</td>
</tr>
<tr>
<td>WCR2</td>
<td>0.37</td>
<td>0.37</td>
<td>0.37</td>
<td>0.37</td>
<td>0.37</td>
</tr>
<tr>
<td>WCR3</td>
<td>0.64</td>
<td>0.64</td>
<td>0.64</td>
<td>0.64</td>
<td>0.64</td>
</tr>
</tbody>
</table>

**Shielded Twisted Pair**

<table>
<thead>
<tr>
<th>TYPE 1</th>
<th>TYPE 2</th>
<th>TYPE 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sq. In</td>
<td>0.119</td>
<td>0.119</td>
</tr>
<tr>
<td>WCR11/2</td>
<td>0.2</td>
<td>0.2</td>
</tr>
<tr>
<td>WCR2</td>
<td>0.37</td>
<td>0.37</td>
</tr>
<tr>
<td>WCR3</td>
<td>0.64</td>
<td>0.64</td>
</tr>
</tbody>
</table>

**Fiber ZipCord**

<table>
<thead>
<tr>
<th>2 Strand</th>
<th>4 Strand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sq. In</td>
<td>0.025</td>
</tr>
<tr>
<td>WCR11/2</td>
<td>0.177</td>
</tr>
<tr>
<td>WCR2</td>
<td>0.37</td>
</tr>
<tr>
<td>WCR3</td>
<td>0.64</td>
</tr>
</tbody>
</table>

**WALKERCELL COMMUNICATIONS WIRE FILL CAPACITY**

**WALKERCELL POWER WIRE FILL CAPACITY**

**Walkercell**

**The Walkercell system is a three-in-one raceway that offers extremely high capacity and installs quickly and easily.**

**Ideal for:**
- Call centers
- Data centers
- Education
WALKERCCELL
WITH JUNCTION BOXES

SERVICE FITTING COMPATIBILITY:
- FLOORPORT SERIES

SYSTEM FEATURES:
- Can be installed in medium-sized concrete slabs (3½ – 6")
- Cost-effective solution for high capacity projects
- Minimum distance between presets: 12" on center
- Typical distances between presets: 24", 30", 60" on center
- Minimum distribution raceway spacing: 3' on center
- Typical distances between raceways: 5', 6', 10' on center
- Standard preset heights: 1½" [38mm], 2" [51mm], 2½" [64mm], 3" [76mm] and 3¼" [83mm]. Consult factory for additional heights.

COMMON LAYOUTS:
- Raceway 5' or 6' on center, presets 24" on center
- Raceway 10' on center, presets 24" on center
- Raceway 5' or 6' on center, no presets
**WALKERCCEL**

**WITH JUNCTION BOX HEADER**

**SYSTEM FEATURES:**
- Can be installed in medium-sized concrete slabs (3½ – 6”) due to side feeds
- Offers high cable capacity
- Easy access to cabling for adds, moves and changes
- Minimum distance between presets: 12” on center
- Typical distances between presets: 24”, 30”, 60” on center
- Minimum distribution raceway spacing: 3” on center
- Typical distances between raceways: 5’, 6’, 18’ on center
- Standard preset heights: 1½” [38mm], 2” [51mm], 2½” [64mm], 3” [76mm] and 3¼” [83mm]. Consult factory for additional heights.

**COMMON LAYOUTS:**
- Raceway 5’ or 6’ on center, presets 24” on center
- Raceway 10’ on center, presets 24” on center
- Raceway 5’ or 6’ on center, no presets
**SERVICE FITTING COMPATIBILITY:**
- Floorport Series
- Trench Access Hood

**SYSTEM FEATURES:**
- Must be installed in concrete slabs at least 4" deep
- Highest capacity infloor system
- Easy access to cabling post-install
- Enables heavy load applications

- Minimum distance between presets: 12" on center
- Typical distances between presets: 24", 30", 60" on center
- Minimum distribution raceway spacing: 3" on center
- Typical distances between raceways: 5', 6', 10' on center
- Standard preset heights: 1½"[38mm], 2"[51mm], 2½"[64mm], 3"[76mm] and 3¼"[83mm]. Consult factory for additional heights.

**COMMON LAYOUTS:**
- Raceway 5' or 6' on center, presets 24" on center
- Raceway 10' on center, presets 24" on center
- Raceway 5' or 6' on center, no presets
Trench Access Hood enables direct access to cables after installation via removable cover plates. It features extremely large cable capacity and is available in many different widths and depths to accommodate all jobs. Trenchduct is installed above the Walkercell or Walkerduct system, flush with the finished floor.

**KEY SYSTEM FEATURES:**
- Flush installation simplifies locating and accessing the system after installation
- Activation is easy via factory-installed screw plugs
- System works with a variety of pedestal style service fittings
- Minimum system depth for distribution/feeder runs is 1½" [35mm]
- Minimum system depth for systems with junction boxes is 2½"
- Constructed of 14-gauge galvannealed steel
- UL & CUL Standard 864

**FLUSHDUCT SYSTEM OPTIONS**

<table>
<thead>
<tr>
<th>Single Flushduct</th>
<th>Double Flushduct</th>
<th>Triple Flushduct</th>
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</thead>
<tbody>
<tr>
<td>1¼&quot; [32mm]</td>
<td>1¼&quot; [32mm]</td>
<td>1¼&quot; [32mm]</td>
</tr>
<tr>
<td>11/16&quot; [17mm]</td>
<td>3/4&quot; [19mm]</td>
<td>7/8&quot; [22mm]</td>
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</tbody>
</table>

**FLUSHDUCT WIRE FILL CAPACITY**

<table>
<thead>
<tr>
<th>Unshielded Twisted Pair*</th>
<th>Telephone</th>
<th>coaxial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raceway Type</td>
<td>Cell/Duct Capacity</td>
<td>6-pair, 24 AWG, Cat 5</td>
</tr>
<tr>
<td>Single Duct</td>
<td>3.313</td>
<td>0.038</td>
</tr>
</tbody>
</table>

*Consult factory for Cat6a wire fill information.

**SERVICE FITTINGS**
- **525 Series**
  - These durable, pedestal-style fittings are available in brushed aluminum and accommodate interchangeable faceplates to support power and communications connections.
- **Multiplex Series**
  - Multiplex is available in brushed aluminum and accommodates power and communications connections in a pedestal style.

**FLUSHDUCT WIRE FILL CAPACITY**

<table>
<thead>
<tr>
<th>Unshielded Twisted Pair*</th>
<th>Telephone</th>
<th>coaxial</th>
</tr>
</thead>
<tbody>
<tr>
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<td>3.313</td>
<td>0.119</td>
</tr>
</tbody>
</table>

**FLUSHDUCT WIRE FILL CAPACITY**

<table>
<thead>
<tr>
<th>Coaxial Type</th>
<th>4-pair, 24 AWG, Cat 5</th>
<th>2-pair, 24 AWG</th>
<th>25-pair, 24 AWG</th>
<th>6-pair, 24 AWG</th>
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</thead>
<tbody>
<tr>
<td>Single Duct</td>
<td>137</td>
<td>100</td>
<td>63</td>
<td>36</td>
</tr>
</tbody>
</table>

**SERVICE FITTINGS**
- **525 Series**
  - These durable, pedestal-style fittings are available in brushed aluminum and accommodate interchangeable faceplates to support power and communications connections.
- **Multiplex Series**
  - Multiplex is available in brushed aluminum and accommodates power and communications connections in a pedestal style.
**SYSTEM FEATURES:**
- Can be installed in concrete slabs as thin as 2” using conduit feeds.
- Perfect infloor choice for remodeling projects.
- Minimum distance between threaded openings: 12” on center.
- Typical distance between threaded openings: 24” on center.
- Preset openings are staggered in 2 and 3 duct systems.
- Typical distances between raceways: 5’, 6’, 10’.

**SERVICE FITTING COMPATIBILITY:**
- 525 SERIES
- MULTIPLEX SERIES

**INTERESTED IN LEARNING MORE?**
Visit us online at www.legrand.us/infloor to explore our interactive tools and videos, research technical product details and request assistance on your next project. We’d be happy to send you more information or schedule an in-person visit when it’s convenient for you.