PREFABRICATED WIRING SYSTEMS
BUILT FOR ELECTRICIANS BY ELECTRICIANS

• Complete Projects Faster
• Reduce Job Costs
• Ensure Quality
• Reduce Jobsite Packaging & Waste

Rough-in Ready® is a pre-engineered and preassembled UL Listed electrical wiring system with custom-made components for branch circuit installations of virtually any size.
Rough-in Ready® develops and manufactures cost-saving electrical support products for building and construction projects that require repetitive electrical wiring installation. Our wide selection of products is ideal for electrical projects such as condominiums, hotels, motels, health care facilities, hospitals, rest homes, and dormitories. Rough-in Ready® is NEC compliant and UL listed.

ROUGH-IN READY® PRODUCTS INCLUDE:

- Complete Rough-in Ready® Systems designed specifically to your plans and ready to install.
- Cable-Ready Systems – similar to Rough-in Ready’s Complete System but without cabling.
- Custom PreFab Assemblies.
- Prefab Components: stud brackets, cable supports, and deck hangers.

The ROUGH-IN READY® PREFAB WAY
Complete the Job Faster & Smarter 3 Simple Steps & You’re Done

1. MOUNT THE ASSEMBLY IN THE PROPER LOCATION.
2. ROUTE CABLE PER INSTALLATION DRAWINGS.
3. MAKE THE ASSEMBLY’S FINAL CONNECTIONS.
COMPLETE YOUR JOB MORE EFFICIENTLY

REDUCED CONSTRUCTION SCHEDULE MEANS:

• Earlier building usage
• Product can be prefabricated even during project hold-ups due to weather, delays by other trades, etc.
• Reduced construction schedule equates to reduced onsite liability
• Minimizes onsite safety hazards caused by scrap wire and cable
• Reduces jobsite cleanup
• Forces planning and coordination

ENSURE QUALITY CONTROL

• Produced under strict quality control program
• All prefabrication performed in a controlled environment utilizing state-of-the-art equipment
• Uniform, consistent, finished product

LOCAL INSPECTORS’ ACCEPTANCE

• Rough-in Ready® has been well received by local inspection agencies throughout the country
• All work is performed in strict compliance of the NEC
• Inspectors recognize the quality of workmanship and the uniformity of finished product
OUR STREAMLINED ORDER PROCESS

Send your specs for a quote: Architectural & Electrical Drawings are used to determine scope of work in conjunction with specifications for the specific project. Forward your drawings to us and we will work up the entire project in accurately measured runs and components. Detailed drawings will clearly indicate installation by floor and specific location. All components are packaged and delivered in the order needed.

JOB EVALUATION/PROPOSAL: Rough-in Ready® will return your accurate cost estimates in 5-10 days.

P.O. SENT TO A DISTRIBUTOR/ROUGH-IN READY®:
It typically takes two weeks, once all detailed information is provided, to complete installation drawings.

FORMAL APPROVAL/SIGN OFF PROCEDURE:
Drawings are sent directly to the customer in PDF format. Customer has an opportunity to make changes or ask questions. Sign off approval is required before production begins.

PRODUCT DELIVERY: Typically, you’ll receive your products 2 weeks after returned approved drawings.
- Job arrives on clearly marked skids by floor and area, depending on your specs.
- Assembly #’s match destinations clearly marked on the drawing for easy installation.
- Room #, assembly #, and job name are all clearly marked on each box.

TECHNICAL SERVICE: Rough-in Ready® provides customer support throughout the entire ordering process. Contact us anytime between 6:00am - 5:00pm EST Monday-Friday.
**Proposal Breakdown by Construction Area**

**Easy-to-Follow Nomenclature Identifies Cable Type, Device Grade, and Type**

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC-C 20A DUPLEX TR REC OUTLET</td>
<td>22</td>
</tr>
<tr>
<td>MC-C 20A DUPLEX TR SPLIT REC OUTLET</td>
<td>2</td>
</tr>
<tr>
<td>MC-C 20A GFI TR REC OUTLET</td>
<td>6</td>
</tr>
<tr>
<td>MC-C 20A DBL DUPLEX TR SPLIT REC OUTLET</td>
<td>3</td>
</tr>
<tr>
<td>MC-C 20A 1P SW OUTLET</td>
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<tr>
<td>MC-C 20A 1P SW (2)-GANG OUTLET</td>
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</tr>
<tr>
<td>MC-C 20A 1P SW &amp; 3WAY SW OUTLET</td>
<td>1</td>
</tr>
<tr>
<td>MC-C 20A 3WAY SW OUTLET</td>
<td>4</td>
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</tbody>
</table>

**Denier Manufacturing**

10891 State Route 128
Harrison, OH 45030

[www.roughinready.com](http://www.roughinready.com)

(800) 286-9601

**Total Quantity of Units**

146

**Total for all units listed above**

$414,055.36
OUR PRODUCTS

- UNIVERSAL MOUNTING BRACKET
- COMPLETE SYSTEMS
- CABLE/RACEWAY-READY
- PREFAB COMPONENTS

- SUPPORT BRACKETS AND HANGERS
- SECURE-TRIM®
- CUSTOM FIXTURE WHIPS

THE UNIVERSAL MOUNTING BRACKET

- CABLE HOLDERS
- PROTECTION PLATE
- UPPER CROSS-BRACE BRACKETS
- ATTACHMENT TABS LOCK INTO KICKSTAND
- ADJUSTABLE SPACER AND BACK-SIDE WALL BOARD SUPPORT FOR UP TO 6" WALLS
- DEVICE MOUNTING FRAME
- LOWER CROSS-BRACE BRACKETS

Side Mounted on Stud

Mounted Between Studs

Mounted on Kickstand
Complete Rough-in Ready® Systems include our patented, UL Listed, Rough-in Ready® Universal Mounting Bracket, wiring devices, specified cables, and protection plates.

All cable lengths and plaster ring depths are determined by our design department and every assembly is sequentially numbered.

Numbered parts match a detailed layout drawing provided by Rough-in Ready® designers.

Note: All support brackets available as Raceway-Ready without integral cable support.
Cable-Ready Assemblies can also be provided with a sequentially numbered drawing or they can be ordered à la carte.

Our “less cable” assemblies include the Rough-in Ready® Universal Bracket, wiring device, plaster ring and, protection plate. As in the Complete System, our designers can determine plaster ring depth and provide a numbered drawing for ease of installation. Or, if preferred, you can order the assemblies with whatever plaster ring depth you need and numbering can be provided to match your design criteria.
Raceway-Ready Assemblies can also be provided with a sequential numbered drawing or they can be ordered à la carte.

Our Raceway-Ready Assemblies include the Rough-in Ready® Raceway Universal Bracket, wiring device, plaster ring, and protection plate. As in our Complete System, our designers can determine plaster ring depth and provide a numbered drawing for ease of installation.

Or, if preferred, you can order the assemblies with whatever plaster ring depth you need and numbering can be provided to match your design criteria.
Universal Mounting Brackets are sold individually for use in your own prefabrication process. You can add a RACO® 4” Sq. Standard 1-1/2” or 2-1/8” deep box with ground pigtail and any depth plaster ring. All of our brackets come with the first means of support built in (this built-in support feature itself can produce a $1.50 to $2.00 savings over conventional field support methods).

Our brackets have built-in far side supports that will accommodate wall depths from 2.5” to 6” deep. We have also designed our bracket with an integral box attachment that allows for the box and bracket to remain securely together while the plaster ring is removed. This makes it possible to make field terminations in the box without the need to reassemble the box and bracket.
Modular Assemblies are comprised of wiring devices with pigtails mounted on plaster rings, push on wire connectors, and Secure-Trim®. These items are ordered à la carte and will not go through our design department unless it is part of a full system bid.
CABLE SUPPORT BRACKETS

Our UL listed Cable Support Brackets are designed for multi-conductor MC.

DECK HANGERS

Our Deck Hanger is designed to replace conventional mounting methods that would have included an intensive strut system. Our hangers can also be used to mount just about anything that you need to suspend from the deck. This product is UL listed to hold fixtures of up to 100 lbs. with 4 TEK screws.
Secure-Trim® by Rough-in Ready® allows for a perfect, level finish every time. The unique, patented design eliminates “device rock” and unsightly gaps between the device wall plate and wall surface. More importantly, it allows device finish work to adapt to any wall configuration or wall changes on jobs. Secure-Trim® is easy to use and is included standard with every Rough-in Ready® single and double gang duplex assembly.

**SECURE-TRIM® MAKES INSTALLATION A SNAP**

- Remove Rough-in Ready® protection plate
- Detach device supports
- Snap on top and bottom device supports
- Final adjustment level and tighten device
- Install finish plate
Rough-in Ready® offers custom fixture whips for MC, MC-AP, HCFC, and NM type cable fittings. Our Cable Whips can be cut to length with or without connectors attached.
THE NUMBERS:

JOB COST SAVINGS

ROUGH-IN READY® HELPS YOU INCREASE YOUR MARKET SHARE

JOB COST SAVINGS OR POTENTIAL ADVANTAGE ON BID DAY CALCULATOR

Job Cost Using the Rough-in Ready® System:

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rough-in Ready’s System Cost</td>
<td>$69,832.00</td>
</tr>
<tr>
<td>Rough-in Ready’s Projected Installation Hours</td>
<td>401.29</td>
</tr>
<tr>
<td>Contractor’s Fully Burdened Labor Rate</td>
<td>$45.00</td>
</tr>
<tr>
<td>Total Installed Job Cost</td>
<td>$87,889.00</td>
</tr>
</tbody>
</table>

Job Cost if You Were to Hardwire the Same Openings as the Rough-in Ready® System:

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Contractor’s Estimated Material Cost</td>
<td>$36,789.43</td>
</tr>
<tr>
<td>Contractor’s Estimated Installation Hours</td>
<td>2,205.70</td>
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<tr>
<td>Contractor’s Fully Burdened Labor Rate</td>
<td>$45.00</td>
</tr>
<tr>
<td>Total Installed Job Cost</td>
<td>$136,045.93</td>
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TOTAL SAVINGS:

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Total Number of Hours Saved</td>
<td>1,804.41</td>
</tr>
<tr>
<td>Total Labor Saving</td>
<td>81.81%</td>
</tr>
<tr>
<td>Total Job Cost Savings or Your Potential Advantage on Bid Day</td>
<td>$48,155.97</td>
</tr>
<tr>
<td>Total Percentage of Job Cost Savings</td>
<td>35.40%</td>
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</tbody>
</table>
EXPERIENCE, QUALITY, AND SERVICE

Draw on the collective expertise of three industry leaders to maximize your productivity and market share. Hubbell® Rough-in Ready® prefabricated and preassembled solutions feature electrical steel boxes from Hubbell RACO® along with Hubbell Wiring Device-Kellems devices. When combined with Rough-in Ready’s design and state-of-the-art manufacturing capabilities, you receive unparalleled experience in electrical contracting and installation.

The benefit - a tailored solution with an easy-to-identify convention that details project name, room number, and assembly for a fast and reliable installation.

Simplify your efforts from bid submittals and layout drawings, through delivery and installation. To find out more about how Rough-in Ready® components, designs, and specifications can add to your bottom line call: (800) 286.9601.

Rough-in Ready®, 11425 Century Circle West, Cincinnati, OH 45246

WWW.ROUGHINREADY.COM

Rough-in Ready® is a division of Denier Electric Co., Inc.

U.S. Patent Numbers: 6,996,943  7,053,300  7,189,928  8,371,465