

PDU Cables

Prefabricated Power Cable Assemblies

Since 1981, PDU Cables has been the leading manufacturer of prefabricated power cable assemblies to data centers throughout North America.

With inventory, tools, and capacity to produce thousands of cables weekly, each cable assembly PDU Cables fabricates is UL Listed, pretested and comes with a limited lifetime warranty.

Whether you need a single cable assembly or thousands, PDU Cables can meet your needs. Tell us what you want, and we'll help design it to NEC standards and then build it for you.

- **UL listed**
- **Satisfy NEC 645.5 requirements**
- **100% pretested**
- **Record of test results**
- **Labeled**
- **Color options**
- **Quick-turn capability**
- **Lifetime warranty**

Custom Configurations

In addition to Liquid Tight Flexible Metal Conduit and Flexible Metal Conduit, PDU Cables is seeing a growing number of cable assembly requests involving SO Cord, Tray Cable and MC Cable for applications including drop cords, feeder cables, battery and generator cables.

Building out or remodeling an open floor workspace? Are you reconfiguring a production line or warehouse? Need to bring power to workstations or equipment? We can help design the power cable assemblies necessary for each of your unique power supply needs. From custom overhead electrical drops with single or multi-circuit configurations, to junction box assemblies and power feeds.

Prefabrication

Prefabrication allow on-site personnel to stage the cable assemblies exactly where and when they are to be installed which provides control over both assembly placement and installation schedule.

Prefabrication ensures that all required components are packaged and brought to the job site together. With most cable assemblies labeled for quick identification and easier installation.

Complete projects faster with less cost, less labor and less jobsite waste. Prefabrication provides a high quality cost effective alternative to on-site construction.

"The process of construction continues to evolve. We simply couldn't have achieved the deadline without prefabrication. The results are real, and it was, without a doubt, a major contributor to the success of this project. Prefabrication made construction faster, safer and more predictable."

**Maja Rosenquist,
Vice President and General Manager
Mortenson Construction.***

*<http://www.mortenson.com/company/news-and-insights/2014/benefits-of-prefabrication-proven-in-new-study>

PDU Cables™
connect with us™

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PREFABRICATED POWER CABLE ASSEMBLIES for Electrical Contractors



Increased Productivity

Shortened
Construction Time

Reduced Labor

Workforce Leveling

Decreased
Construction Cost

Just-In-Time Material
Availability

Job Bidding
Competitive Advantage

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PREFABRICATED POWER CABLE ASSEMBLIES

Why Outsource

Less Staffing

You don't have to hire more employees. When you outsource, you can avoid bringing employees into the company, which saves you money on everything from recruitment to training and benefits.

Lacking Knowledge or Skills

No need for specialized knowledge or skills. Outsourced vendors have specific equipment and technical expertise in their field. Effectively the tasks can be completed faster and with a better quality output.

*“Do what you do best,
and outsource the rest”*

Peter F. Drucker

Free Up Limited Capacity

Outsourcing allows companies to concentrate on core processes rather than the supporting ones, providing more time and resources to focus on their strengths, while eliminating the need to hire staff and secure work space.

Reduced Cost

Outsourcing is often driven by pressures to reduce costs and get to market faster. Outsourcing reduces costs, including indirect expenses; purchasing, inventory management, quality assurance, equipment technicians, material handlers, shipping and receiving personnel.

Why Prefabrication

Consistent Quality

PDU Cables UL Listed prefabricated power cable assemblies are built by experienced, dedicated assemblers in a controlled manufacturing environment, following specific NEC and component manufacturers recommended tools and standards with quality checks throughout the process.

Predictability

Fewer variables are involved when utilizing prefabricated power cable assemblies. This increased predictability makes it easier to manage inventory to efficiently plan and schedule job site workforce and related resources.

Limit Job Site Distractions

With prefabricated power cable assemblies, there is less truck traffic, equipment and material suppliers in and around the job site. Offsite prefabrication limits unnecessary distractions and disruption at the job site.

Increased Safety

Less work being performed at the job site means fewer bodies and fewer labor hours at the job site, reducing the risk of injury, accidents and other liabilities because of job site conditions.

Labor Savings

No need to recruit, hire and train more employees or secure workspace to build power cables. Outsourcing cable manufacturing allows on-site resources to focus on more important tasks.

Reduce Construction Site Waste

PDU Cables buys and produces in bulk and has extensive programs in place to reduce, reuse and recycle scrap materials, and limit waste materials from ending up in a landfill. By outsourcing prefabricated power cable assemblies, you eliminate most related on-site waste.

Benefits of Prefabrication**

The Driving Force Behind Prefabrication

- The need for productivity improvement and lean construction.
- Competitive advantage in winning bids and increasing profits.
- Impact on projects schedule.
- The shortage of skilled labor.
- Improved technologies allow for prefabrication.
- Prefabrication specified during design stage.

Prefabrication Saves Time

“The fundamental concept of prefab is solid: When done right, it will save field forces a lot of time.”

Increased Labor Productivity

“Contractors using prefabrication on more than 50% of their projects not only are more effective, but also expect to save over 16% of total annual field labor cost.”

Prefabrication Allows for Quicker Project Turnaround

“Prefabrication relies on managing just-in-time delivery and inventory, and with traditional construction planning methods, you're pushing your planning out into the future.”

“When you're talking about large commercial projects, I don't think on-site fabrication is going to be an option in the future. We're seeing more and more written into the contract that off-site fabrication is mandatory”

Aaron Thompson,
VP of Design & Fabrication
Corbins Electric