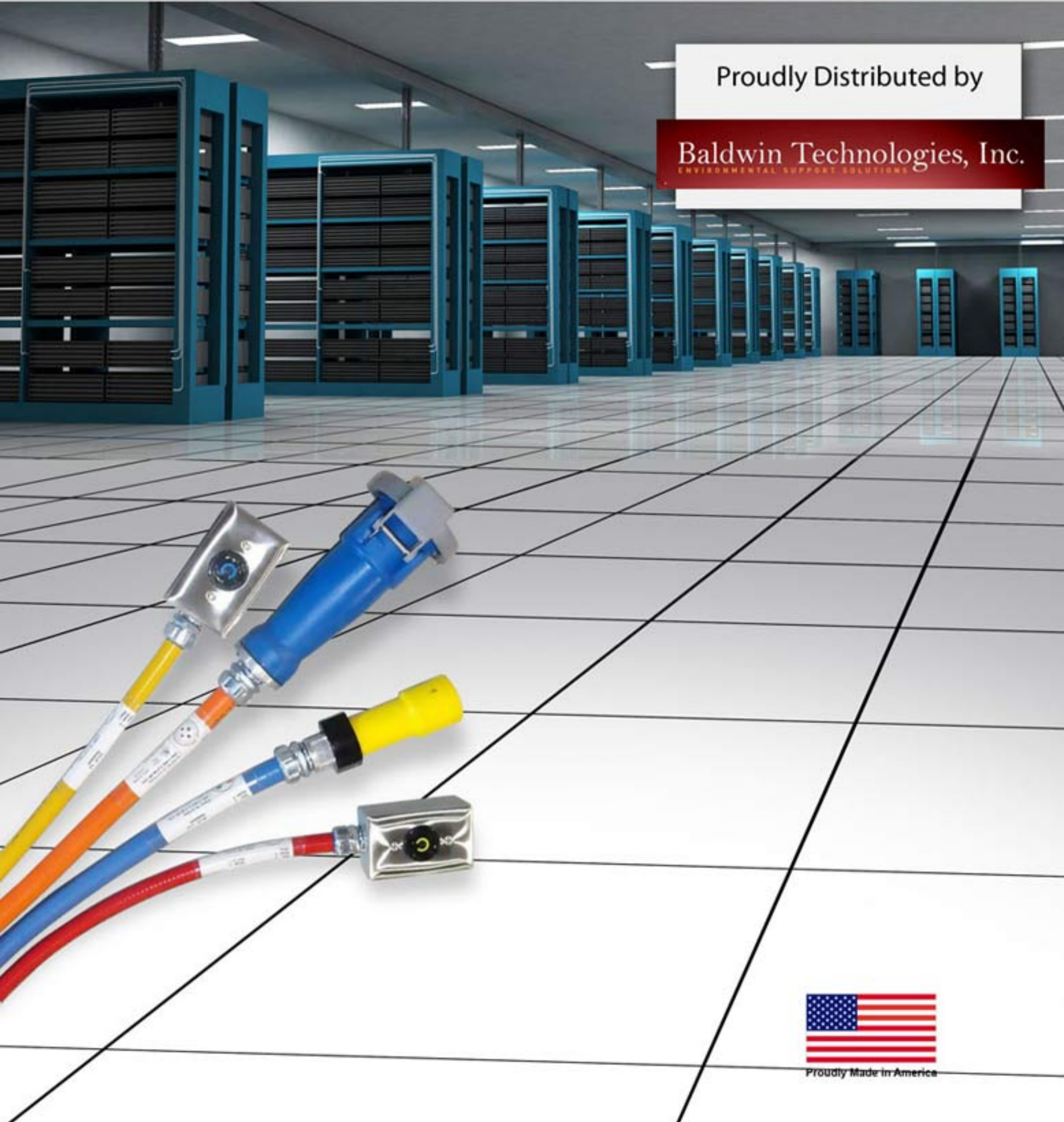




# DCNCables

Proudly Distributed by

**Baldwin Technologies, Inc.**  
ENVIRONMENTAL SUPPORT SOLUTIONS



Power Cables for Mission Critical Facilities

## About Us

DCN Cables provides UL-Listed, Mission-Critical Power Cables manufactured and tested in a clean, controlled environment. You will have peace of mind knowing that every cable has passed stringent testing standards and is ready for use in your mission critical facility.

With 24 Hour-Turn Around, an unprecedented number of receptacles, color choices, and variable lengths, we provide customized cables to fit your specific requirements. Our focus is to develop the right cabling solution for your environments and needs, while saving you time and money. Keep your project on track by having certified cables arrive at your shipping dock the next day.

### Highest Quality Components in the Industry

- All Components UL Listed & Tested
- Hubbell Receptacles & Connectors
- Full Russell Stoll Line
- Premium UL Listed Liquid Tight with Integral Ground
- Thomas & Betts Steel LT Connectors & Boxes
- Abrasion Resistant THHN Stranded Wire

### Additional cables manufactured by DCN Cables

- Feeder Cables
- MC Cables
- SO Cord-Drop Cables
- Daisy Chain Cables



# DCN Cable Builder

Ordering power cables through DCN Cables has never been easier. With two methods of ordering - the Excel-based DCN Cable Builder or the Online DCN Cable Builder - you can choose which is best for you.



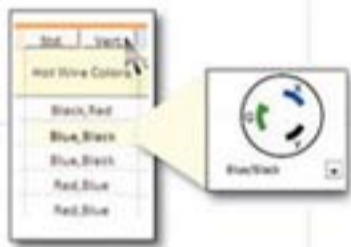
Excel Cable Builder

- or -



Online Cable Builder

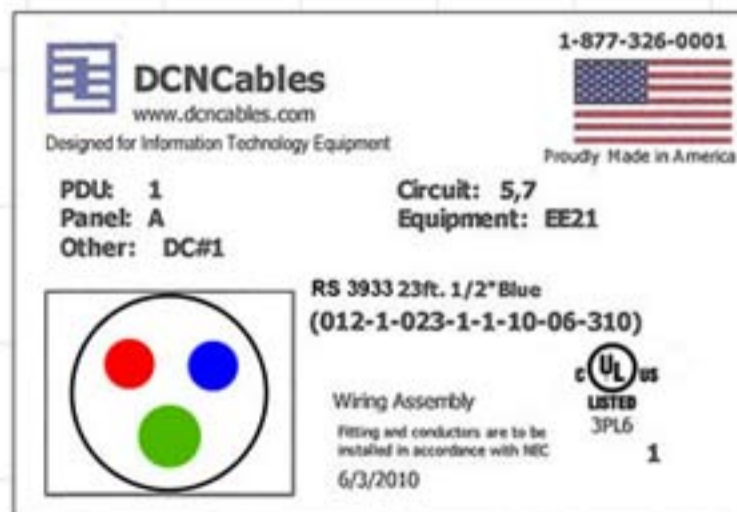
DCN Cables' automated, user friendly and time-efficient Cable Builders take cable ordering to the next level. Keep your panel boards phased properly by taking advantage of our 1 click phasing process. After adding circuit numbers to your order simply click either "Standard" or "Vertical" for your panel boards and the DCN Cable Builder will correctly identify the proper phasing.



## Labeling

Our Cable Builders allow easy input of desired label specifications. Every DCN Cable includes a custom cable identification label at both ends, secured with heat shrink, referencing:

- PDU
- Panel
- Circuit #
- Equipment
- "Other" Field
- Receptacle Type
- Length
- Date
- UL Certification



## UL Listing

All DCN Cables are UL-Listed specifically for mission critical data center environments. Our cables are manufactured with all UL Listed components as a complete UL Listed Wire Assembly. We understand the critical nature of your environment and only supply the highest quality components in our cables.

All DCN Cables are in compliance with NEC, Article 645.5, which are not required to be secured or supported every 4.5 feet, making your power distribution system totally flexible and improving installation efficiency.



## Testing



- ✓ **HIPOT Test**
- ✓ **Ground continuity**
- ✓ **Phase continuity**

### **Hi-Pot (Dielectric Withstand Voltage Test):**

All cables are HI-Pot tested at twice rated circuit voltage plus 1500 volts. This test ensures that there will be no arcing or shorting of any conductor within the cable.

### **Continuity Testing:**

All cables are tested for proper phase rotation, insulation leaks, and ground integrity. This test ensures grounding between the receptacle and the grounding conductor on the end of the cable.

A copy of the testing results is sent with each cable order and testing results are available on CD upon request.

## Customer Service

We provide outstanding customer service. Our team of experts boasts 45+ years of experience in the field of electrical and power cable assemblies, allowing you access to a wealth of knowledge that will encompass every aspect of your power cable needs – from the common to the complex. Give us a call to assist in planning and executing on your next power cable project.



### **BLUEPRINT TAKEOFFS:**

We offer blueprint drawing takeoffs for your power cabling project at no cost to you.



## Customized Just For You!



### Receptacle Type

Whether you need NEMA-Locking or Straight Blade, IEC 309 Devices, Russell Stoll DuraGard , IBM or Hubbell Non-NEMA 50 Amp California Style we have the expertise and inventory to provide the correct receptacle for your cable project.



### Length

Cables manufactured by DCN Cables are built to any 1' increment you require.



### Conduit Color

Offering 8 Standard Colors for flagship UL Listed Metallic Liquid Tight, MC Cable or Greenfield, we have the conduit solution to fit your needs.



### Box & Mounting

We offer standard die cast weather-proof boxes, however, DCN Cables can customize boxes or mounting options to suit your specifications.

1, 2, 5000

### Quantity

Whether your cable project calls for 2 or 5,000 cables, DCN Cables will provide you an efficient, successful project.



### Phasing - Wire Color

Keeping your panels phased properly is vital. By providing circuit numbers associated with each cable, DCN Cables will build your order specific to the wire colors you need.



### Label Information

DCN Cables provides specific cable information unique to each cable on both ends of the cable, with protective heat shrink. We offer optional Face Plate labeling as well.



### Breakers

With highly competitive prices on all major breaker lines (SqD, GE, Cutler Hammer, and ABB), DCN Cables can provide a new, cost-effective breaker with each cable you purchase.

# KoldLok



- Increase static pressure under the raised floor and improve cool air delivery through perforated tiles and floor grates
- Facilitate Hot and Cold Aisle Best Practices
- Improve equipment reliability and extend equipment life

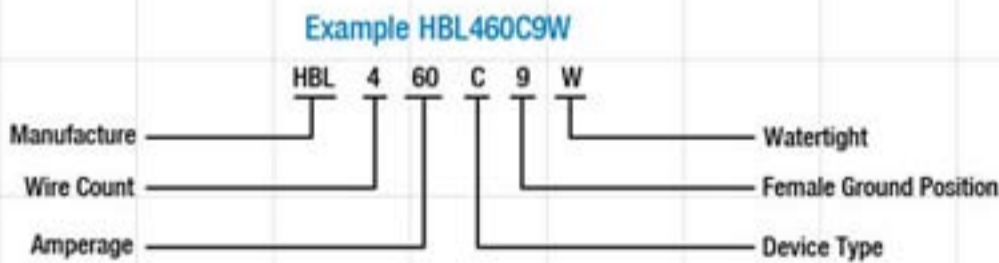
DCN Cables is a master distributor for, and carries the full line of KoldLok products. We offer the lowest prices and highest inventory levels on KoldLoks in the country and will beat any vendor's KoldLok pricing.

## Common Configurations - Charts

### Locking NEMA

3 Wire						4 Wire				5 Wire	
125V			250V			125/250V		3p 250V		3p 250V	
15A	20A	30A	15A	20A	30A	20A	30A	20A	30A	20A	30A
L5-15	L5-20	L5-30	L6-15	L6-20	L6-30	L14-20	L14-30	L15-20	L15-30	L21-20	L21-30

### Pin & Sleeve IEC 309 Nomenclature



#### 1. Manufacture

HBL- Hubbell  
ME- Mennekes  
RS- Russell Stoll

#### 2. Wire Count

3-3 Wires  
4-4 Wires  
5-5 Wires

#### 3. Amperage

20-20Amp  
30-30Amp  
60-60Amp  
100-100Amp

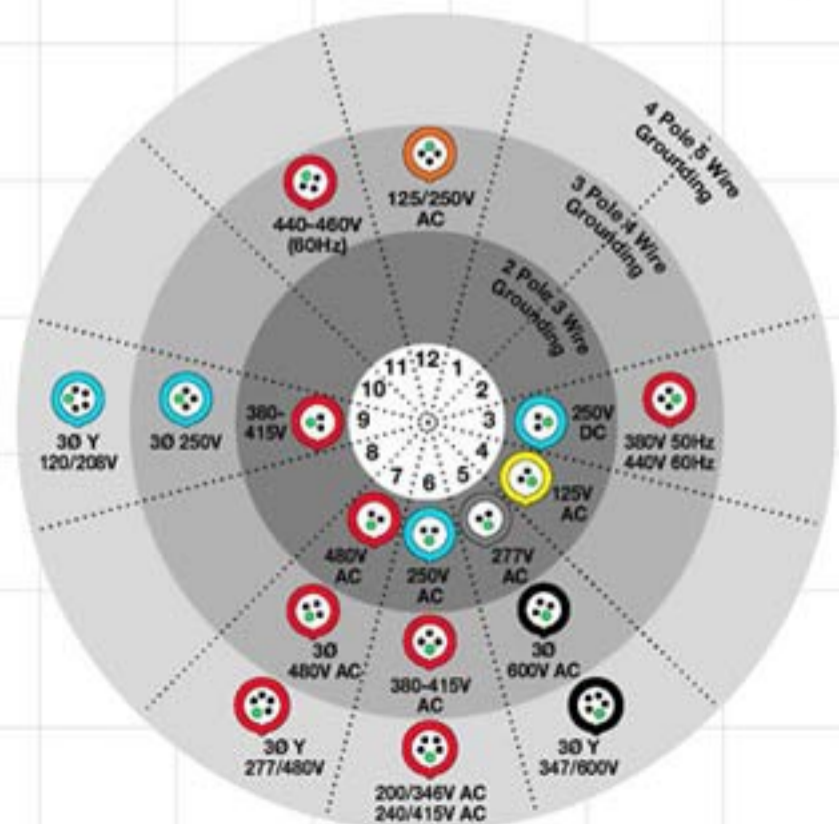
#### 4. Device Type

C- Connector  
R- Receptacle  
P- Plug  
B- Inlet  
MI- Mechanical Interlock  
MIF- Mechanical Interlock Fused

#### 5. Ground Position

See Chart to the Right

#### 6. "W" Watertight



# UL Listed Power Cables for Mission Critical Facilities



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## DCN Cables

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