Wire & Cable Guide

colonial electric supply

www.colonialelectric.com
**Wire Size**
- Brown
- Orange
- Yellow
- Gray
- Red
- Blue
- White
- Green
- Black

**Features:**
- Custom Cutting & Paralleling capabilities to meet your needs
  - 3, 4 or 5 legs available
- Marked with sequential footage marks every 2 feet*
  - Reduces costly mistakes and saves time!
- Self lubricating polymer jacket
  - Quicker install saves you time and money
- Color = Phase & voltage identification
  - Reduces labor and mistakes
- Staging available-Only release what you need for your current project

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**Stocking THHN Colored Feeder in 9 Colors**

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<tr>
<th>Wire Size</th>
<th>Brown</th>
<th>Orange</th>
<th>Yellow</th>
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*X = In Stock & Available for Next Day Delivery*

*sequential footage marks may not be available on all inventoried product*
### THHN Colored Feeders
- Copper
- Aluminum

### Specialty Cable
- VFD Drive Cable
- High Temp
- Belden
- Fire Alarm
- CAT5E, CAT6
- Speaker Wire
- Low Voltage
- Genesis Specialty

### Copper
- Standard SOOW
- Super Vu-Tron Supreme
- Tray Cable
- Thermostat Wire
- Welding Cable
- Romex
- Bare Copper
- Underground Service Entrance
- MTW, TFFN, THHN, XHHW

### Fiber Optic
- 12 Ct thru 432 Ct

### Armored Cable
- MC Cable
- BX Cable
- HCF Cable
- MCFA Fire Alarm Cable

### Aluminum
- XHHW
- Service Entrance Styles U & R
- Underground Service Entrance
- Aluminum Conductor
- Underground Residential Distribution

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### Customer Service Center
**400,000 Sq Ft**

**201 W. Church Road**

**King of Prussia, PA 19406**

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### Capabilities
- Over $20 Million in total inventory
- 99% Fill rate on industries most used items
- Guaranteed 1000–Guaranteeing the industry’s top 1000 items in stock
- 400,000 Sq. Ft. Customer Service Center
- Delivery & logistical expertise
- Emergency on-call service & delivery
- Expertise in material handling and warehousing
- Convenient locations throughout PA, NJ, NY, DE & MD
- Online account access 24/7 with My Colonial
- Email order confirmation

### Professional Sales Staff
- Bid/Quotation services
- Storeroom management
- Experienced project specialist-lighting, gear & solar
  - Engineering & design capabilities
  - Project management
  - Special packaging & labeling

### Specialized Division
- Colonial Teltek-Outside Plant
- Colonial Major Projects-National Projects
- Bright Light/Annapolis Lighting-Residential Lighting & Décor
Now Stocking & Installing

Pulling Heads

Features:
- Significantly reduces set-up time
- Lugs are disposable with wire
- Reduces waste - Saves time and money
- 18 sizes - 8 AWG thru 1000 MCM
- Works on 600 Volts thru 35 KV wire
- Rated for Copper & Aluminum wire
- Pull 4 times as much wire per day

Simple-Easy-Reliable-Durable

Easy 1-2-3 Installation

1-Order colored feeder and pulling heads from Colonial
2-Installed for your convenience before they ship
3-Delivered to your job site and ready to pull

Features:
- Pulling heads installed by factory trained installers
- Done on site at Colonial’s Customer Service Center
- Complete inventory of pulling heads and colored feeder
Heavy Duty Universal Clevis

Features:
- 1-3/4” Maximum rated capacity working weight is 11,000 lbs
- Fast and easy way to connect to pulling rope
- Use up to 1” pulling rope
- Connect multiple lanyards
- Passes through offsets and 90 degree bends easily
- Made of hardened steel

Lanyard Extension

Features:
- 1-1/4” clevis maximum 3000 lbs
- 50” extension
- Pull 4-in-1
- Made of hardened steel

Burndy Patriot PAT46-LI 15 Crimping Tool

Features:
- BURNDY’s largest battery actuated crimp tool providing 15-tons of output force with 2 jaw opening
- State of the art C-Head crimp design with 355° head rotation
- Less “down-time” due to high capacity (3.0 AH), 18 volt Li-Ion battery
- Overmolded ergonomic handle
### Load Chart
**Single-Use Wire Grabber**

#### Specifications for THHN & XHHW Copper & Aluminum Wire

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<tbody>
<tr>
<td>SUWG 8</td>
<td>8 AWG</td>
<td>One Tool: 100</td>
<td>Five Tools: 500</td>
<td>One Tool: 70</td>
<td>Five Tools: 350</td>
<td>0.134</td>
<td>0.146</td>
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<td>SUWG 6</td>
<td>6 AWG</td>
<td>One Tool: 200</td>
<td>Five Tools: 1000</td>
<td>One Tool: 150</td>
<td>Five Tools: 750</td>
<td>0.169</td>
<td>0.184</td>
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<td>SUWG 4</td>
<td>4 AWG</td>
<td>One Tool: 300</td>
<td>Five Tools: 1500</td>
<td>One Tool: 200</td>
<td>Five Tools: 1000</td>
<td>0.213</td>
<td>0.232</td>
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<tr>
<td>SUWG 3</td>
<td>3 AWG</td>
<td>One Tool: 400</td>
<td>Five Tools: 2000</td>
<td>One Tool: 300</td>
<td>Five Tools: 1500</td>
<td>0.283</td>
<td>0.305</td>
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<tr>
<td>SUWG 2</td>
<td>2 AWG</td>
<td>One Tool: 500</td>
<td>Five Tools: 2500</td>
<td>One Tool: 350</td>
<td>Five Tools: 1750</td>
<td>0.368</td>
<td>0.399</td>
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<td>SUWG 1</td>
<td>1 AWG</td>
<td>One Tool: 650</td>
<td>Five Tools: 3250</td>
<td>One Tool: 450</td>
<td>Five Tools: 2250</td>
<td>0.499</td>
<td>0.539</td>
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<tr>
<td>SUWG 1/0</td>
<td>1/0 AWG</td>
<td>One Tool: 800</td>
<td>Five Tools: 4000</td>
<td>One Tool: 550</td>
<td>Five Tools: 2750</td>
<td>0.336</td>
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<td>SUWG 2/0</td>
<td>2/0 AWG</td>
<td>One Tool: 1000</td>
<td>Five Tools: 5000</td>
<td>One Tool: 600</td>
<td>Five Tools: 3000</td>
<td>0.376</td>
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<tr>
<td>SUWG 3/0</td>
<td>3/0 AWG</td>
<td>One Tool: 1000</td>
<td>Five Tools: 5000</td>
<td>One Tool: 600</td>
<td>Five Tools: 3000</td>
<td>0.423</td>
<td>0.470</td>
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<tr>
<td>SUWG 4/0</td>
<td>4/0 AWG</td>
<td>One Tool: 1600</td>
<td>Five Tools: 8000</td>
<td>One Tool: 1000</td>
<td>Five Tools: 5000</td>
<td>0.475</td>
<td>0.528</td>
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<tr>
<td>SUWG 250</td>
<td>250 MCM</td>
<td>One Tool: 2000</td>
<td>Five Tools: 10000</td>
<td>One Tool: 1400</td>
<td>Five Tools: 7000</td>
<td>0.420</td>
<td>0.475</td>
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<td>SUWG 300</td>
<td>300 MCM</td>
<td>One Tool: 2400</td>
<td>Five Tools: 12000</td>
<td>One Tool: 1400</td>
<td>Five Tools: 7000</td>
<td>0.570</td>
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<td>SUWG 350</td>
<td>350 MCM</td>
<td>One Tool: 2400</td>
<td>Five Tools: 12000</td>
<td>One Tool: 1400</td>
<td>Five Tools: 7000</td>
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<tr>
<td>SUWG 400</td>
<td>400 MCM</td>
<td>One Tool: 2400</td>
<td>Five Tools: 12000</td>
<td>One Tool: 1400</td>
<td>Five Tools: 7000</td>
<td>0.659</td>
<td>0.726</td>
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<td>SUWG 500</td>
<td>500 MCM</td>
<td>One Tool: 3600</td>
<td>Five Tools: 18000</td>
<td>One Tool: 2200</td>
<td>Five Tools: 11000</td>
<td>0.736</td>
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<td>SUWG 600</td>
<td>600 MCM</td>
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<td>Five Tools: 18000</td>
<td>One Tool: 2200</td>
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<td>SUWG 750</td>
<td>750 MCM</td>
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<tr>
<td>SUWG 1000</td>
<td>1000 MCM</td>
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<td>One Tool: 2200</td>
<td>Five Tools: 11000</td>
<td>1.060</td>
<td>1.153</td>
</tr>
</tbody>
</table>

*May require special service (such as removing a bushing and installing extra guide pulleys) when pulling maximum diameter wires through minimum size conduit.*
Our customers are important to us, and we want to make sure that you have all the information you need at your fingertips 24 hours a day, 7 days a week.

Our updated website has all the information you need from online account access, contact information, manufacturer links, new product and special information, upcoming events, and much much more.

Visit www.colonialelectric.com

My Colonial is an easy way to manage all of your Colonial transactions from your own home or office, 24 hours a day, 7 days a week. You may also choose the way you receive your statements and invoices! Email, fax or mail, you make the choice and Colonial will deliver.

Getting Started is easy. Go to www.colonialelectric.com

Take a look around at all of our public features, then register for your My Colonial User ID and password to access your account online. For more information regarding My Colonial, please visit www.colonialelectric.com or email info@colonialelectric.com.

Check out our site's customer feedback:

“Because the information is on the internet, our whole team can discuss order details right from our desks. This is a key when some departments are floors or even buildings apart.”
- Thomas Jefferson University

“I have to manage multiple locations and Colonial’s web-based services offer me an easy way to see what I’m spending at each location.”
- Brandywine Realty Trust

“When you have multiple jobs going on, I can direct my crew to the location that has the inventory that I need, by using the on-line inventory. It’s great!”
- Charles H. MacDonald Electric

“We must have a signed delivery ticket to match up to the invoice, sometimes they don’t always make their way to my desk. My paperwork flows much faster now that I can print packing slips off the Colonial website.”
- H.B. Frazer Company

STATEMENTS
Your on-line statement is in “real-time.” See that payments were made accurately and on time.

PROOF OF DELIVERY
Get proof of delivery with just a click of the mouse. No waiting for packing slips from the job site. Track missing material and bill your customers faster than ever before.

DELIVERY MANAGEMENT
We’re making it easier for you to coordinate labor and off-loading equipment. Every morning deliveries are scanned into our mainframe, providing details relating to your order including the sequence of stops and the number of cartons being delivered. No more standing and waiting for material to ship.

SECURITY
We host our own website and have the very latest firewall precautions and virus protection.

STOCK CHECKS
View real-time inventory status on over $20 million in inventory.

MULTIPLE USERS
Access to shipping documents, accounting information, and delivery information can help you coordinate and communicate with staff. Multiple users can have unique user id’s and passwords BUT all requests for access go through an approval process to protect your account.

CHOOSE YOUR BILLING OPTION
Email, fax or mail - receive your invoices and statements however you’d like or opt to turn off receipt and manage your account online.

EVENTS, NEW PRODUCT ZONE & SPECIALS
Check out our monthly specials & promotions. Stock up on material and save money. Find out what’s happening at your Colonial branch.

INDUSTRY LINKS AND CALCULATORS
Over 40 of the industry’s most popular calculators and links to help you on the job.

LOCATIONS AND KEY CONTACTS
Find the closest Colonial location to your job. Use your Colonial account at any location. Contact key individuals at our Customer Service Center.
colonialelectric.com

Pennsylvania
- King of Prussia, Pennsylvania
  (610) 312-8100
- Downingtown, Pennsylvania
  (610) 873-6400
- Warminster, Pennsylvania
  (215) 672-5600
- Northeast Philadelphia
  (215) 464-0800
- Center City Philadelphia
  (215) 928-0800
- Glenolden, Pennsylvania
  (610) 870-0160
- Collegeville, Pennsylvania
  (610) 489-7600
- Reading, Pennsylvania
  (610) 374-2134
- Myerstown, Pennsylvania
  (717) 376-3039
- Lancaster, Pennsylvania
  (717) 405-3101
- Allentown, Pennsylvania
  (610) 435-9691

Delaware
- Wilmington, Delaware
  (302) 998-9993

New Jersey
- Hammonton, New Jersey
  (609) 704-9950
- Cape May Court House, New Jersey
  (609) 465-7144
- Vineland, New Jersey
  (856) 462-6300
- Pleasantville, New Jersey
  (609) 645-8110

New York
- Brooklyn, New York
  (718) 210-0590

we are always just around the corner from your next job

Some restrictions may apply. Next day shipping only applies for materials that are in stock. Please ask your sales representative or branch manager for more information.