



Southwire®

CONFIGURATOR PLUS™ WEB APP HANDBOOK



OUR STORY

Roy Richards, Sr. founded a small construction company in 1937 to erect power poles. Only two and half years later, the company had strung 3,500 miles of cable. In 1950, Mr. Richards went on to start a small, family-owned operation to manufacture electrical wire and cable. Southwire Company opened with only twelve employees, and within the first two years it had shipped 5 million pounds of wire for the transmission and distribution of electricity. Since that time, Southwire has become one of the world's leading manufacturers of wire and cable and an emerging influence in the industrial electrical space. With more than 7,000 employees, the company serves customers in a wide variety of markets across the globe and has introduced many industry-changing innovations like the SCR® continuous casting process, SIMpull Solutions® products and services, and many more.

SOUTHWIRE, THE COMPANY

Southwire Company, LLC is North America's leading manufacturer of electrical wire and cable. Nearly one in two new homes built in the United States contains our wire, and we produce half of the cable used to transmit and distribute electricity throughout the nation. More than half of the world's refined copper passes through one of our SCR® systems, our tools & equipment business continues to grow and our wire plays a key role in the manufacturing of other products including automotive wiring harnesses.

THE PRODUCTS

To be successful requires products that give you solutions no matter what stage of the project cycle you are in. Our product teams and dedicated resources work together to listen to and work with our customers, creating solutions that deliver unparalleled value through product innovation, safety, and efficiency.

THE SERVICE

Service is more than a word or a phone number; it's a tangible support system that assists you through the entire project cycle. Starting with our own knowledgeable customer service team, to our CableTechSupport™ engineering team, whether in the office or in the field, we're there to lend a hand, when you need it most.)

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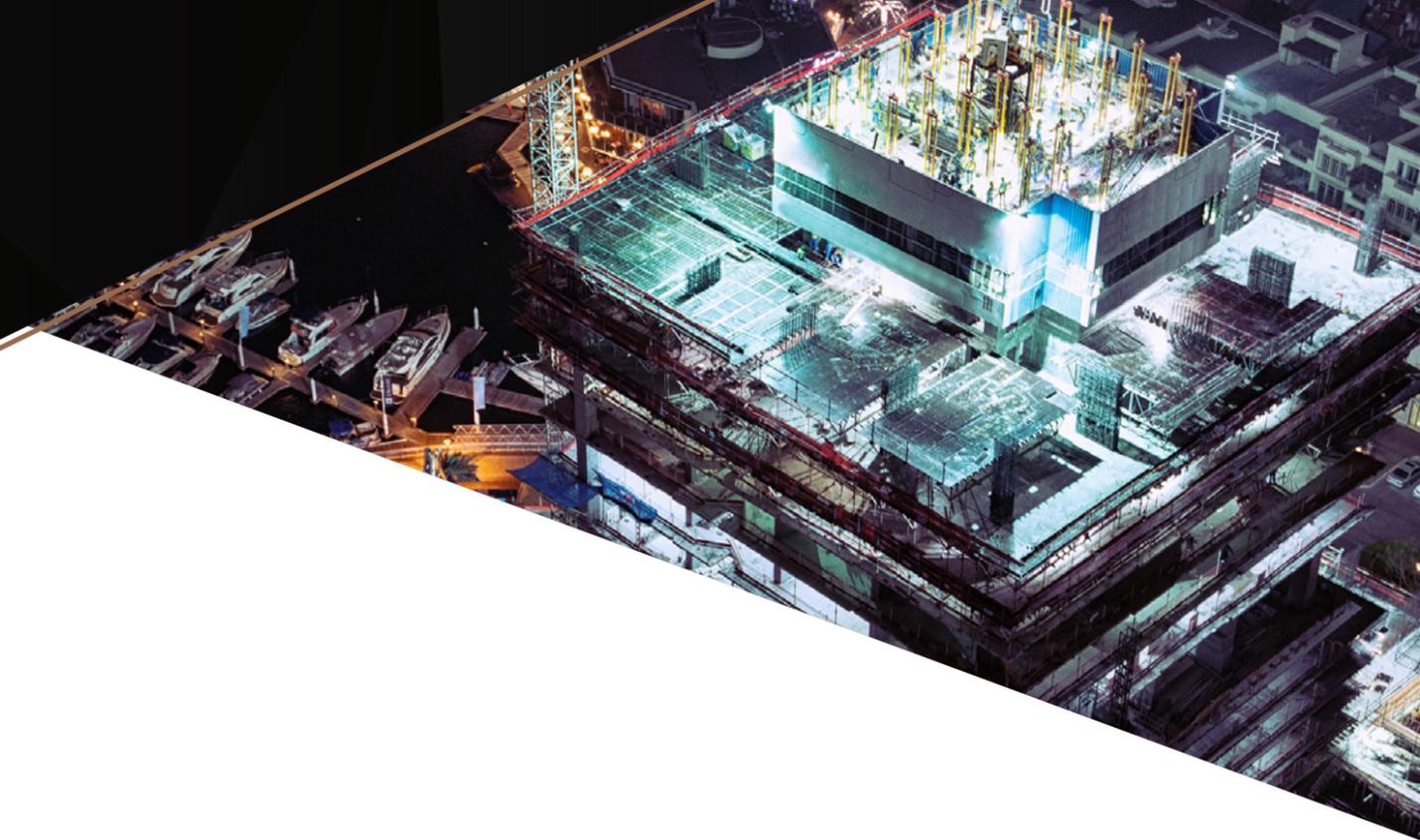
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SET UP

ACCOUNT SET UP

1. Go to <https://configuratorplus.southwire.com/login>.
2. Select Create Account.
3. Fill out account creation questionnaire.
4. Southwire will email account verification link to complete account set up.

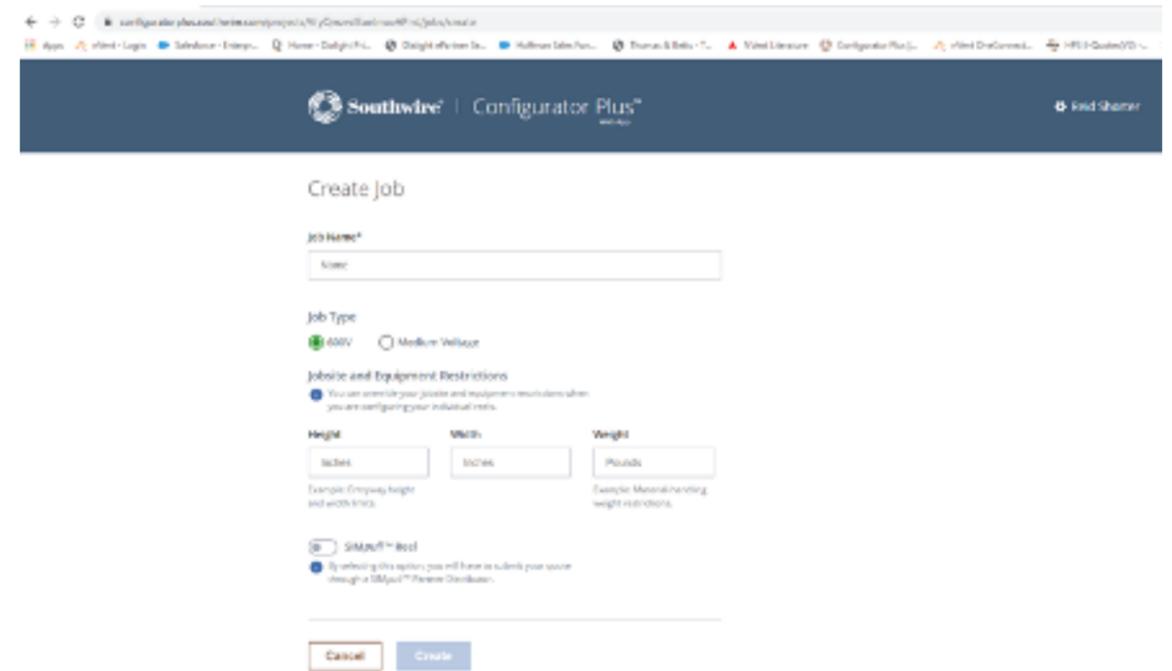
CREATE

CREATE A PROJECT

1. Select Create Project at top right.
2. Enter Project Name and click Save.

CREATE A JOB WITHIN A PROJECT

1. Select Project that corresponds with Job.
2. Select Create Job at top right.
3. Fill out relevant fields within the Create Job questionnaire.
4. There can be multiple Jobs entered in Configurator Plus™ Web App under one Project.



NOTES:

**Entering any height, width, and weight restrictions here will manipulate the reel sizes to fall within those selected limits when configuring reels on last step.

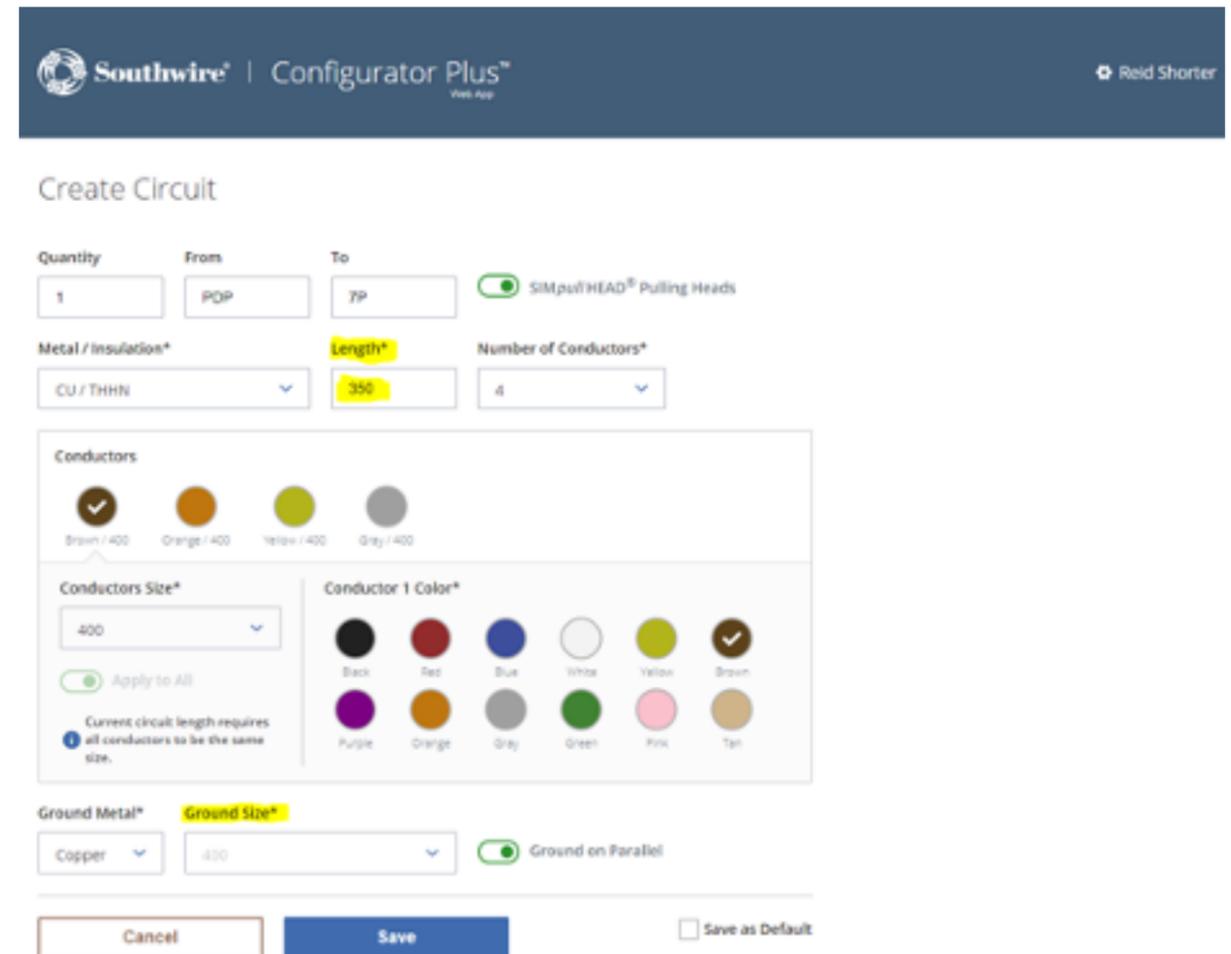
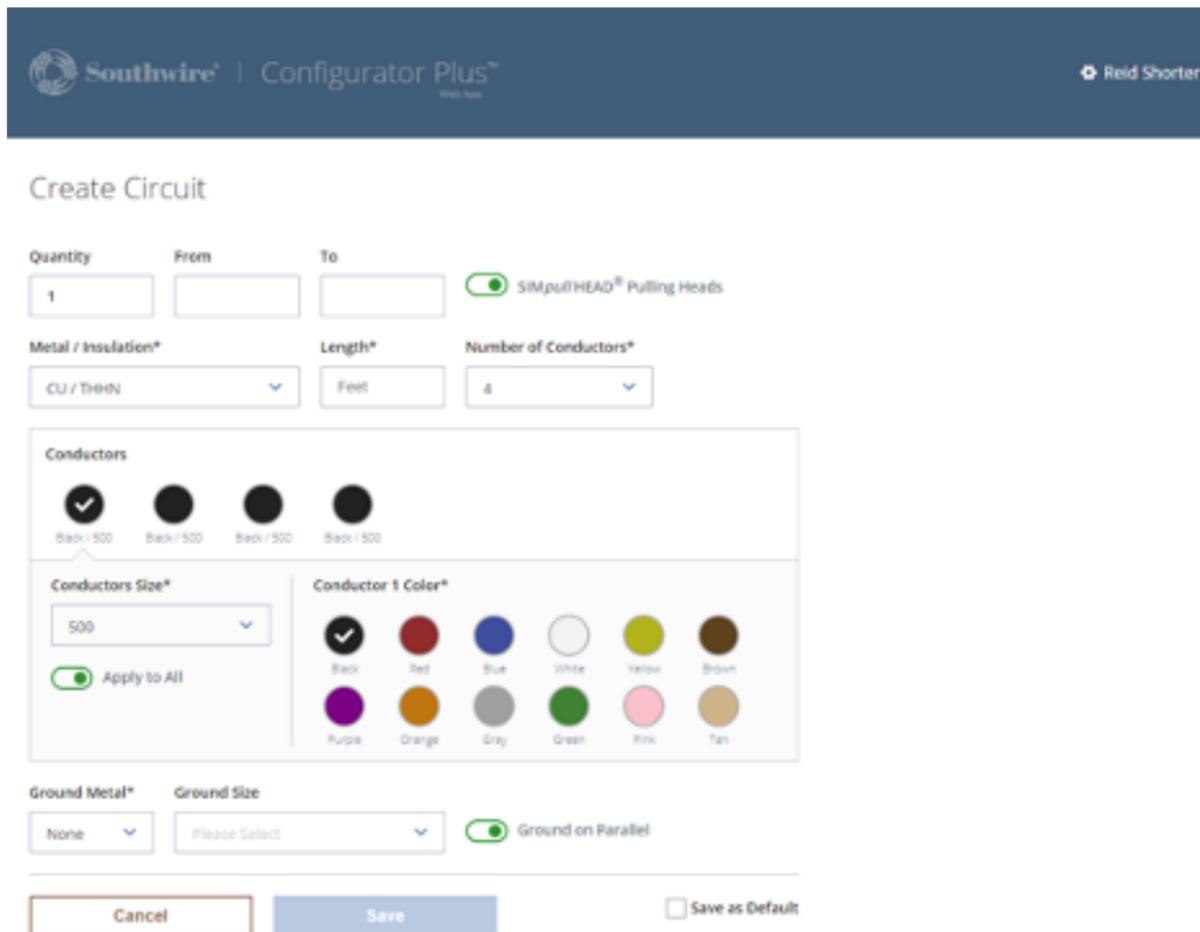
**SIMpull® Reels are only available in select markets currently, check with your local Southwire distributor to see if these are available prior to configuring job with this selection turned on.

CREATE

CREATE CIRCUIT ON JOB

1. Select the Job.
2. Select Create Circuit in top right.
3. Fill in all relevant fields:

EXAMPLE A - The run is 350', therefore, the drop-down menu Ground Size is locked and will not allow you to select ground if Ground on Parallel button is in the on position.

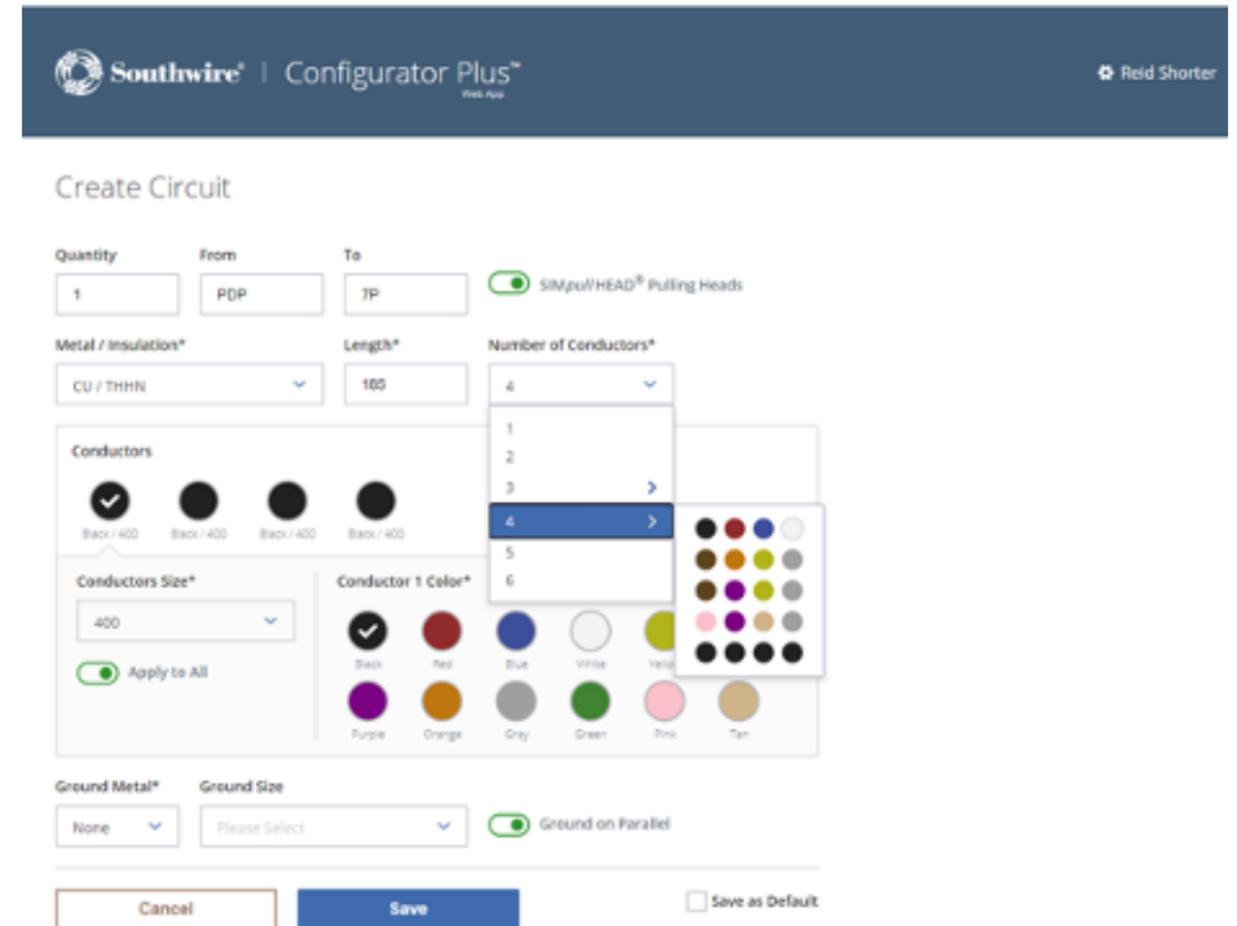
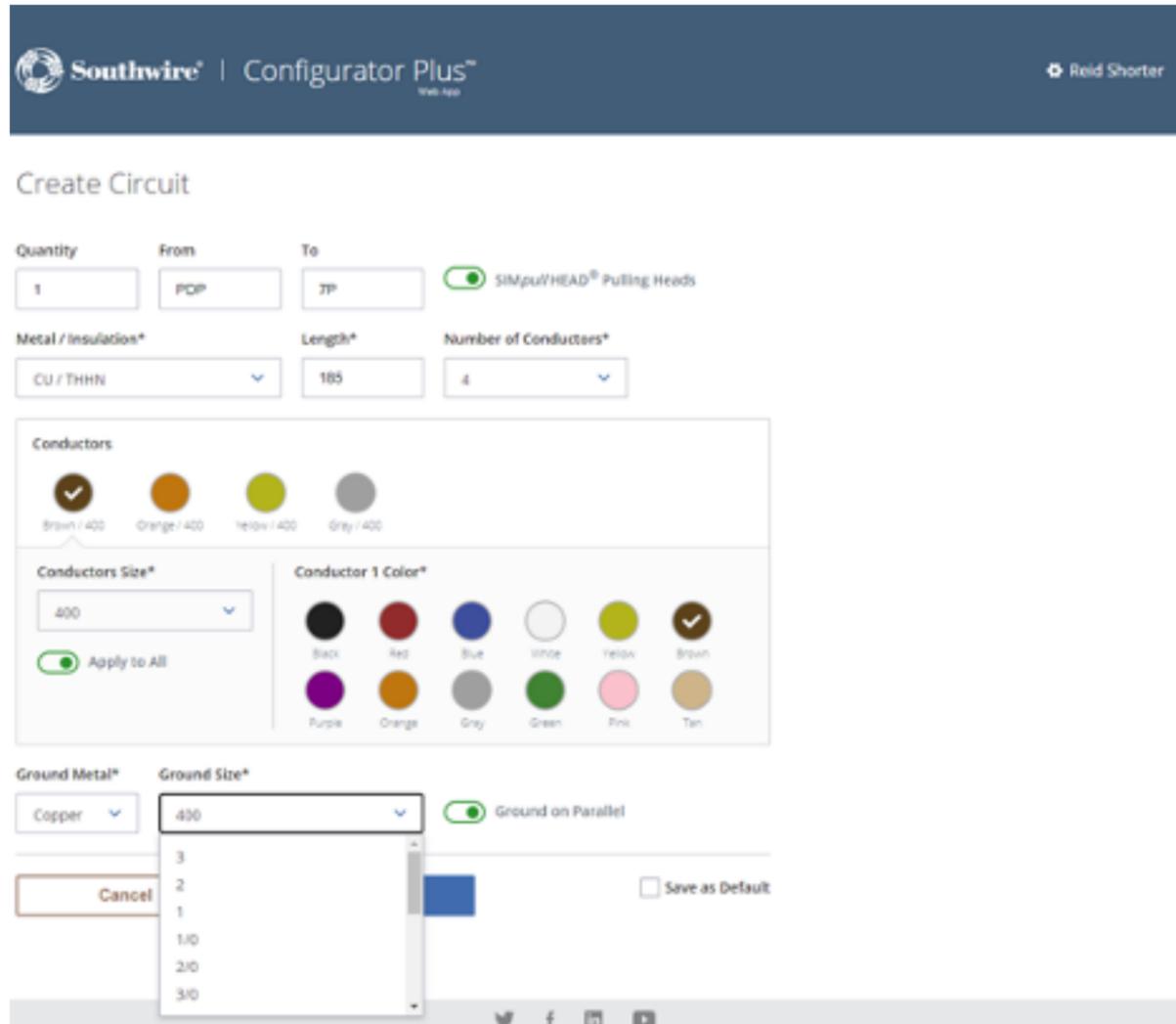


NOTES:

**Ground can be included on parallels as long as it is within 6 sizes of the conductors and 250' or shorter run – the system should prevent any configurations outside of these parameters, but always double check.

EXAMPLE B - Conductor Size 400 MCM & length or run is 185'. When Ground on Parallel button is in the on position, the Ground Size drop-down menu only offers ground sizes within 6 sizes of conductor.

EXAMPLE B CONT.



NOTES:

**Utilize Pre-configured Colors under Number of Conductors drop down to save time when building circuits.
Enter the conductor size first and then select Number of Conductors drop down to have the pre-selected color options show.

NOTES:

**If you have multiple identical runs, adjust the Quantity field accordingly to save time. You can edit the name of runs on the next page after clicking SAVE, if desired (i.e. 4 identical runs of 2/0 Brown/Orange/Yellow/Gray w/ #6 Ground can be named: PDP to 7PA, PDP to 7PB, PDP to 7PC, PDP to 7PD).

EXAMPLE B CONT.

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Create Circuit

Quantity: 1 From: PDP To: 7P Impact HMD® Pulling Heads

Metal/Insulation: CU/THHN Length: 185 Number of conductors: 4

Conductors: Brown (20), Orange (20), Yellow (20), Gray (20)

Conductor Size: 20 Conductor Color: Brown (selected)

Ground Metal: Copper Ground Size: 6 Ground on Parallel

Cancel Save Save as Default

EXAMPLE B CONT.

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Projects > ABC >

123 [Download BOM](#) [Request Quote](#)

Created: 6/11/2020 Last Modified: — Job Type: 6000

Feeder Schedule Panels [Create Circuit](#) [Configure Job](#)

	FROM	TO	SIZE	LENGTH	REEL	
<input type="checkbox"/>	PDP	7P	20	185'	—	▼
<input type="checkbox"/>	PDP	7P	20	185'	—	▼
<input type="checkbox"/>	PDP	7P	20	185'	—	▼
<input checked="" type="checkbox"/>	PDP	7P	20	185'	—	▼
1 CIRCUIT SELECTED						<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> EDIT

NOTES:
 **Select a line by checking the box on far left column, then click edit button in bottom right (circled below in red) to update line name (in this case, changing PDP to 7P to 7PA, 7PB, 7PC, 7PD respectively).

CONFIGURE CONFIGURE THE JOB

1. From the Job screen showing list of all circuits on the job, select Configure Job in the upper right corner.
2. Select Create Reel and fill in all relative fields.
3. From the Available Circuits view, add circuits to a reel by clicking the blue plus icon. (Be sure the Reel you are adding circuits to is selected in the far right column. All unselected reels will be shaded gray.)

CONFIGURE CONT. CONFIGURE THE JOB CONT.

4. As you add circuits to a reel, you will notice the following:
 - Approximate size and weight of the configured reel will appear in the right-hand column based on the circuits you add to each reel.
 - Circuits on a reel are color coded to show orientation of each circuit in the stacked cables.
 - Should you enter restrictions in the Project section of configurator, the Configurator Plus™ Web App will not allow you to exceed those restrictions when adding circuits to reels during this step.

The screenshot shows the 'Configurator' interface with two reels, Reel 1 and Reel 2, both of type 'N2-FD'. The 'Circuits on Reel' table is empty, and the 'Available Circuits' table contains three 'PDP' circuits. The reel visualization for Reel 1 shows a single gray circle, and the progress indicators for Height/Width and Weight are both at 0%.

Reels	NAME	PACKAGE	FROM	TO	SIZE	LENGTH
Reel 1	N2-FD		PDP	7P	2/0	185'
Reel 2	N2-FD		PDP	7P	2/0	185'

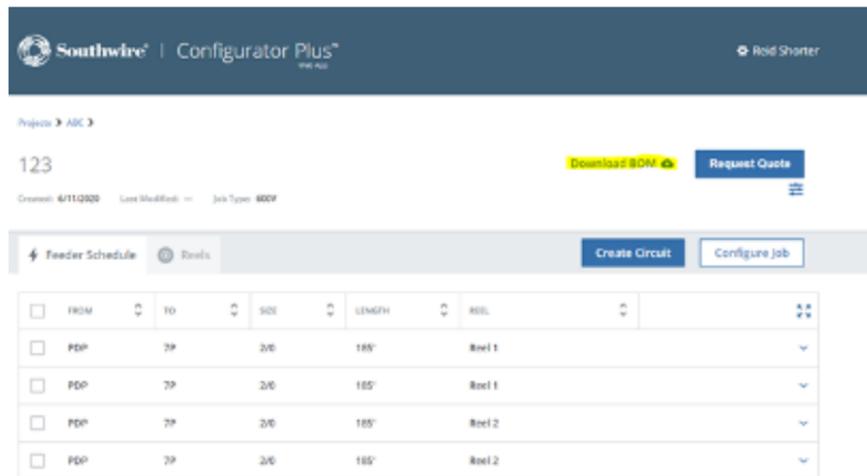
The screenshot shows the 'Configurator' interface with Reel 1 selected and Reel 2 shaded gray. Reel 1 is now of type 'C17' and contains three 'PDP' circuits. The reel visualization for Reel 1 shows a multi-colored concentric circle, and the progress indicators for Height/Width and Weight are at 87% and 60% respectively.

Reels	NAME	PACKAGE	FROM	TO	SIZE	LENGTH
Reel 1	C17		PDP	7P	2/0	185'
Reel 2	N2-FD		PDP	7P	2/0	185'

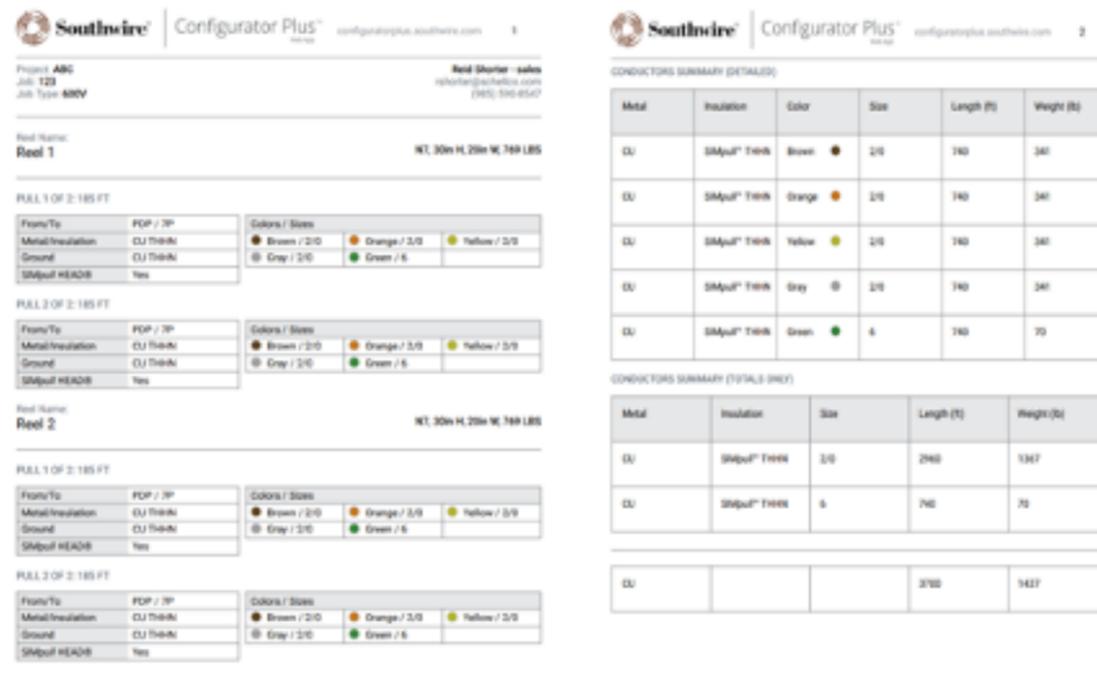
REQUEST A QUOTE

DOWNLOAD BOM AND REQUEST A QUOTE

1. Once you have configured the job, download a PDF copy of the BOM from the Job screen.



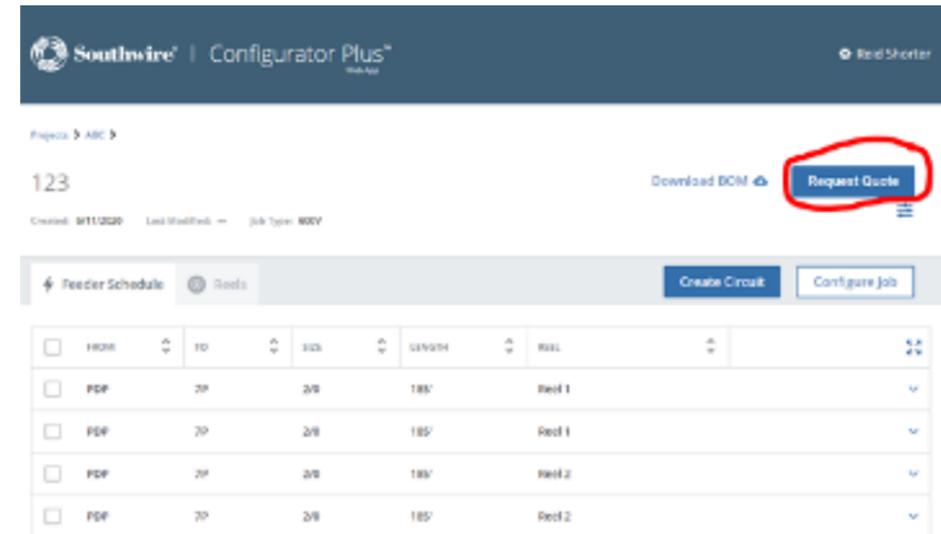
2. The PDF will include details of each reel including orientation of pulls, approx. reel dimensions and weight, a detailed conductor summary, total conductor summary, and total BOM footages/weight.



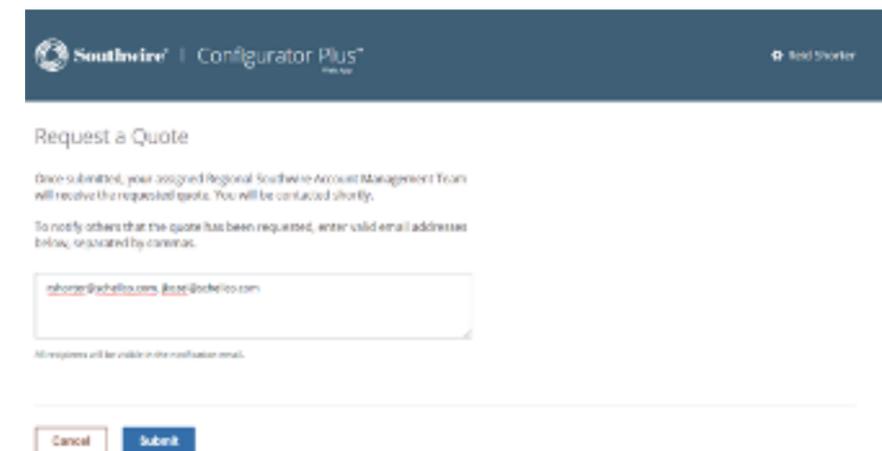
REQUEST A QUOTE CONT.

DOWNLOAD BOM AND REQUEST A QUOTE CONT.

3. Once you are satisfied with the configuration of the Job, selecting Request Quote will make the BOM visible to your local Southwire representative.



4. Include your Southwire Sales Representative's email contact in the space provided to ensure your local rep is notified (Jeff Kozel – jkozel@schellco.com, Inside Sales Schell Martin; Reid Shorter – rshorter@schellco.com, Outside Sales Schell Martin).



NOTES:

**You must enter valid email addresses SEPARATED BY COMMAS or the system will not recognize the addresses.

**Selecting Request Quote does not initiate a pricing request. Send the Downloadable BOM to your local Southwire Distribution Partner per standard material requisition practices by your organization to obtain a quote.



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