



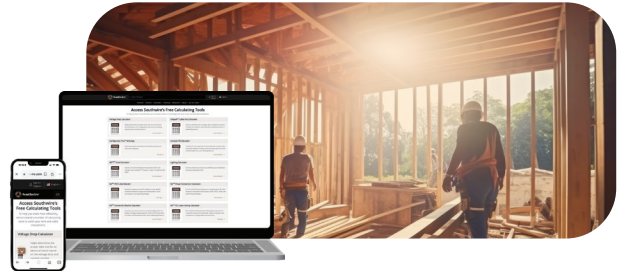
BUILDING WIRE SELECTOR

Offered exclusively by Southwire



SCAN TO ACCESS

This program determines both the minimum conductor size needed as well as the best wire & cable type for a particular installation. Using the existing Voltage Drop Calculator, the Building Wire Selector combines the conductor sizing function with industry code regulation to dictate what wire & cable types are permitted and typically used for a given general installation condition.



● TOP BENEFITS



On the spot calculations to reduce installation delays



Links to our spec sheets for more detailed information



Select the right cable for a given installation in compliance with the National Electrical Code wiring methods



Provides Southwire part numbers to make your online and in-store searches easier

● INPUTS

- Installation Condition
 - Indoor, outdoor above ground, or outdoor underground
- Electrical System Parameters
 - Voltage
 - Amperage
 - Wire/cable run length
 - Maximum allowed voltage drop

● OUTPUTS

- Minimum required conductor size
- Details about the resistance, reactance, voltage drop, and ampacity of the conductor
- Wire/cable types that are permitted for the specified installation condition and that are available from Southwire in the required size
- Part number, link to the relevant spec sheet on **CableTechSupport.Southwire.com**, and basic construction information about each qualifying product

For use for US residential permanent power wiring. Patent pending.

For more information, please visit **Southwire.com** or contact **CableTechSupport@southwire.com**



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