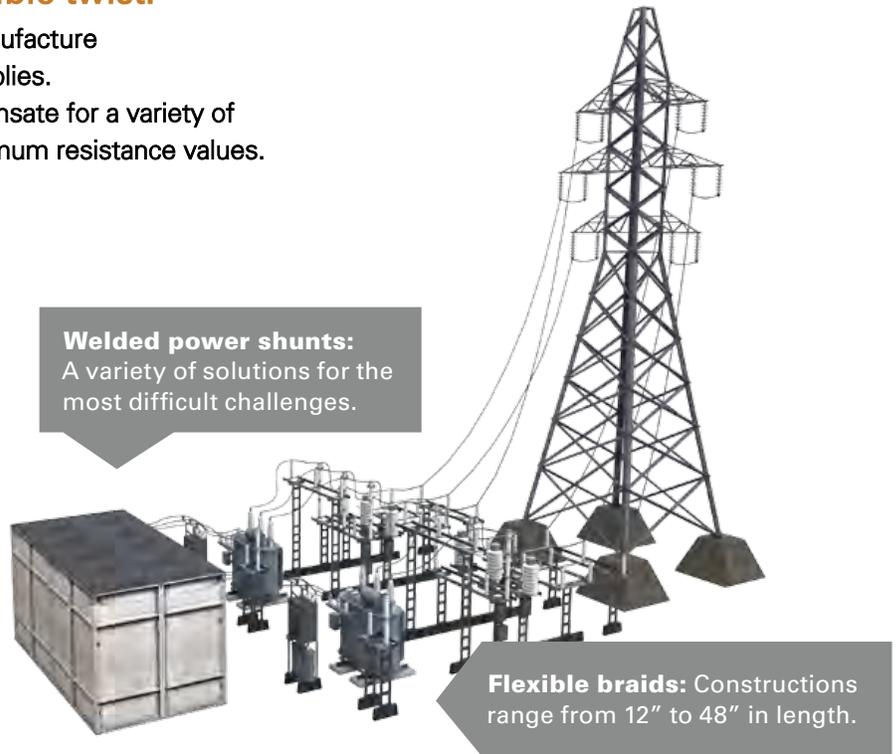


# Substation Engineered Solutions

## Substation solutions with a flexible twist.

Watteredge is a leader in the design and manufacture of high performance flexible electrical assemblies. These assemblies are constructed to compensate for a variety of mechanical properties, while delivering minimum resistance values.



### Why Watteredge for substation solutions?

**Ordering:** Simplified process combines multiple products to reduce freight and inventory costs.

**Cutting:** Eliminate waste and replenish stock with our cut-to-length product offering, including jumper cables.

**Stocking and Kitting:** Combine all of your flexible braid requirements with your other substation needs, in one package.

**Logistics:** Regional distribution centers deliver what you need, when and where you need it.

**65+ Years of Expertise:** Watteredge has a long, proven history of innovating to meet customer needs.

**Technology:** Watteredge uses a press welding method process in the manufacture of our flexible braids and shunts.



MADE IN AMERICA

# Product Offerings

## Substation Engineered Solutions

Watteredge's Substation Engineered Solutions team can help you determine the flexible requirement for each project or application. We offer standard solutions for everyday needs, but realize that some applications will require unique design solutions.

The following is an example of a Standard or Ultra-Flexible Braid based upon a standard NEMA 1-Hole requirement:



36 AWG - Ultra Flexible Strand  
 30 AWG - Standard Flexible Strand  
 NEMA - 1 Hole/ Tin Plated

Dimensions						
Overall Length	Terminal Length	Terminal Width UltraFlex	Terminal Thickness UltraFlex	Terminal Width Standard	Terminal Thickness Standard	Hole UltraFlex & Standard
12"	1-1/2"	1-1/2"	3/16"	1-1/4"	1/4"	9/16"
	1-1/2"	1-1/2"	1/4"	1-3/8"	7/32"	9/16"
	1-1/2"	1-1/2"	3/8"	1-1/2"	1/4"	9/16"
	1-9/16"	1-9/16"	1/2"	1-3/4"	1/2"	9/16"
18"	1-1/2"	1-1/2"	3/16"	1-1/4"	1/4"	9/16"
	1-1/2"	1-1/2"	1/4"	1-3/8"	7/32"	9/16"
	1-1/2"	1-1/2"	3/8"	1-1/2"	1/4"	9/16"
	1-9/16"	1-9/16"	1/2"	1-3/4"	1/2"	9/16"
24"	1-1/2"	1-1/2"	3/16"	1-1/4"	1/4"	9/16"
	1-1/2"	1-1/2"	1/4"	1-3/8"	7/32"	9/16"
	1-1/2"	1-1/2"	3/8"	1-1/2"	1/4"	9/16"
	1-9/16"	1-9/16"	1/2"	1-3/4"	1/2"	9/16"

NOTE: Specific ampacities can be supplied based upon the temperature ratings required for each project.

### Other available options include:

- A variety of combinations including various NEMA Hole Patterns (2-Hole, etc.)
- Bare, Tin, Silver Nickel-plated ferrules and terminals
- Flexible braid constructions ranging from 12" to 48" in length
- Stacked or side-by-side type configurations

