

### C-TW-2.0-CU

## 2/0 AWG Copperweld Conductor – Copper-Clad Steel – Grounding & Lightning Protection Wire

Product ID: 335698



Image: C-TW-2.0-CU

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

#### C-TW-2.0-CU 2/0 AWG Copperweld Conductor – Copper-Clad Steel –

##### Grounding & Lightning

Type: Copper-Clad Steel Conductor (Copperweld)

Number of Conductors: 1

AWG: 2/0

Conductor Strand: Stranded or Solid (varies by configuration)

Nominal Insulation Thickness:

Nominal Overall Diameter:

Conductivity: 30% IACS

Tensile Strength: High

Color: Metallic (Copper Finish)

##### Ratings/Approvals

ASTM B227 / B228

RoHS Compliant

Corrosion Resistant

##### Special Orders - Special Requirements

Contact us for special requirements

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The C-TW-2.0-CU from Larson Electronics is a 2/0 AWG Copperweld Conductor designed for grounding, bonding, and lightning protection applications in industrial, utility, and substation environments. This copper-clad steel conductor combines the high conductivity of copper with the superior tensile strength of steel, making it ideal for installations requiring both electrical performance and mechanical durability. The C-TW-2.0-CU is suitable for use in direct burial, overhead grounding, and harsh outdoor environments where corrosion resistance and long service life are critical.

The C-TW-2.0-CU 2/0 AWG Copperweld Conductor is manufactured in accordance with ASTM standards and is RoHS compliant. This industrial-grade conductor features a high-

strength steel core with a uniform copper cladding, providing excellent resistance to corrosion, environmental exposure, and mechanical stress. The conductor is available in solid or stranded configurations depending on application requirements and is commonly used in substations, grounding grids, utility poles, and lightning protection systems. This conductor is sold by the foot. For example, a quantity of 1 equals 1 foot of conductor. Please specify the required length when ordering below.

**Specifications:**

- ASTM B227 / B228 compliant
- Manufactured in accordance with applicable ASTM standards
- RoHS Compliant
- High tensile strength for mechanical durability
- Excellent corrosion resistance for long-term outdoor use
- Suitable for direct burial and exposed installations
- Commonly used for grounding and lightning protection systems

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

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## Frequently Asked Questions (FAQ)

There are no Faqs