

## EXPC-SOOW-12-4

### Explosion Proof 12/4 SOOW Cable

Product ID: 68859



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.

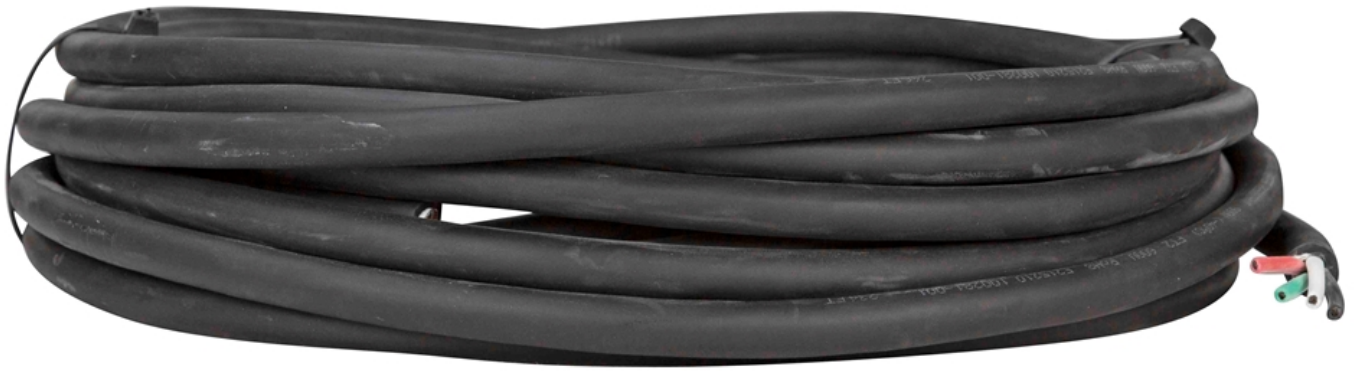
Explosion Proof 12/4 SOOW Cable - sold by the foot

Larson Electronics 12/4 SOOW Cords are designed for extra hard usage on industrial equipment, heavy tools, battery chargers, portable lights welding leads, marine dockside power, power extensions and mining applications. They are manufactured using flexible stranded copper conductors, with a heat, moisture and oil resistant EPDM rubber insulation. The insulated conductors are cabled with wax paper fillers. A tissue-paper separator is wrapped around the assembly to promote easy removal of the jacket. A heat, moisture and oil resistant flexible CPE jacket is extruded over the assembly to complete the construction.

#### Ratings

- UL 62
- CSA Standard 22.2 No. 49
- OSHA Accetable
- Passes MSHA Flame Test
- FT1 and FT2 Flame Tested
- UV Resistant
- UL and CSA listed for continuous submersion
- Class 1 Divisions 1 and 2
- Class 2 Divisions 1 and 2







## Material Safety Data Sheet

To Whom It May Concern,

Larson Electronics LLC C-SOOW line of industrial extra hard usage cord and cables for outdoor and hazardous locations are considered “ARTICLES” under 29 CFR 1910-1200, the OSHA Hazard Communication Standard, and do not require a Material Safety Data Sheet (MSDS).

Articles are specifically exempt from the regulations of this standard. OSHA defines an article as follows:

1910-1200(c) – Article means a manufactured item other than a fluid or particle:

- i. Which is formed to a specific shape or design during manufacture;
- ii. Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
- iii. Which under normal conditions does not release more than very small quantities.

The “hazardous location” and “explosion proof” are terminology for the environment where these products will be installed. This is not to be confused with “hazardous materials;” this product does not contain any hazardous materials.

Regards,

Ray Smith  
Larson Electronics, LLC.



## Certification

Manufacturer: Larson Electronics LLC  
Address: 9419 US-HWY 175  
Kemp, Texas 75143

**Declare the following equipment conforms to the standard(s) as listed:**

Model: C-SOOW Series  
Description: Extra Hard Usage Cables

**Evaluated Listings:**

**CE:** DIRECTIVE 2014/35/EU - LOW VOLTAGE DIRECTIVE  
**CE:** DIRECTIVE 2014/30/EU - EMC DIRECTIVE  
**CE:** Regulation (EC) No 1907/2006 - REACH REGULATION  
**CE:** DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

The C-SOOW Series complies with the essential protection requirements of the European Parliament of the Council Directive for Low Voltage Directive, EMC Directive, REACH Regulation, and RoHS Directive. This certification applies to all specimens manufactured in accordance to the manufacture's drawings.

Signed for and on behalf of: Larson Electronics, LLC  
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas  
Position: Operations Manager



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**Evaluated Listings:**

**CE:** DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

This is to certify that products offered by Larson Electronics LLC comply with the Reduction of Hazardous Substances (RoHS) directives. Directive 2002/95/EC became effective on 1 July 2006. It restricts the use of six substances in the manufacture of electrical and electronic equipment. This directive was revised in June 2011 and is now referred to as directive 2011/65/EU. Directive 2015/863/EU amending Annex II to Directive 2011/65/EU announced plans to add four substances from 22 July 2019.

We hereby certify that the equipment specified above conforms to the Directive(s) by containing less of the restricted substances than the stated limits.

Signed for and on behalf of: Larson Electronics, LLC  
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas  
Position: Operations Manager



## Certification

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Kemp, Texas 75143

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Model: C-SOOW Series  
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### Evaluated Listings:

**CE:** Regulation (EC) No 1907/2006 - REACH REGULATION

This letter establishes the opinion of Larson Electronics LLC regarding the status, under the current European Union ("EU") Regulations on Registration, Evaluation, Authorization, and Restriction of Chemical Substances ("REACH").

REACH does not apply to manufactured products which are referred to as "completed articles". Substances (chemicals) are subject to REACH registration, NOT products.

In addition, Articles are exempt from the REACH requirements if (a) the Article does not contain a substance of very high concern or candidate substance in an amount exceeding 0.1% weight by weight, and (b) if substances present in the Article in excess of 1 ton per year per importer are not expected nor intended to be released.

Based on communication with our raw material suppliers, we conclude that to the best of our knowledge our products requiring REACH compliance do not contain any of the currently listed SVHC in concentrations of 0.1% or above.

Accordingly, we foresee no registration or pre-registration requirement for the products we supply.

Signed for and on behalf of: Larson Electronics, LLC  
Place of issue: Kemp, TX

Signature: 

Name: James Thomas  
Position: Operations Manager

## **Frequently Asked Questions (FAQ)**