

EXPC-SOOW-12-3

Explosion Proof 12/3 SOOW Cable

Product ID: 271271



Image: EXPC-SOOW-12-3

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 12/3 SOOW Cable - sold by the foot

Larson Electronics 12/3 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 Acceptable
- 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



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: EXPC-SOOW, C-SOOW Series
Description: Explosion Proof SOOW Cable

Evaluated Listings:

UL: ZJCZ.E123366 – NEC / United States standards
UL: ZJCZ7.E123366 – CEC / Canada standards

The EXPC-SOOW, C-SOOW Series is certified for use within hazardous locations per NEC and CEC standards for hazardous locations for:

- NEC: Class I, Divisions 1&2, Class II, Divisions 1&2
- NEC: Class I, Zones 1 & 2
- CEC: Class I, Divisions 1&2, Class II, Divisions 1&2
- CEC: Class I, Zones 1 & 2

The EXPC-SOOW, C-SOOW Series is comprised of a TELE-FONIKA KABLE series SOOW jacket cable. This may include custom lengths, packaging, and wire connections. This assembly is built to NEC and CEC standards for hazardous locations.

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

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager



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.

UL Product iQ™



ZJCZ.E123366 - Flexible Cord

Flexible Cord

[See General Information for Flexible Cord](#)**TELE-FONIKA KABLE S A**

E123366

Ul Hipolita Cegielskiego 1
32-400 Myslenice, POLAND

Jacketed cord, Type(s) S, SJ, SJO, SJO, SJOOW, SJOW, SJT, SJTO, SJTOO, SO, SOO, **SOOW**, SOW, ST, STO, STOO, SV, SVO

Trademark and/or Tradename: "TFK 1 or TFKABLE 1"

[Last Updated](#) on 2016-03-15

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

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ZJCZ7.E123366 - Flexible Cord Certified for Canada

Flexible Cord Certified for Canada

[See General Information for Flexible Cord Certified for Canada](#)

TELE-FONIKA KABLE S A

E123366

Ul Hipolita Cegielskiego 1
32-400 Myslenice, POLAND

Jacketed cord, Type(s) S, SJ, SJO, SJOJ, SJOOW, SJOW, SJT, SJTO, SJTOO, SO, SOO, **SOOW**, SOW, ST, STO, STOO, SV, SVO

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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: EXPC-SOOW, C-SOOW Series
Description: Explosion Proof SOOW Cable

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 EXPC-SOOW, 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



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: EXPC-SOOW, C-SOOW Series
Description: Explosion Proof SOOW Cable

Evaluated Listings:

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

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

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

Model: EXPC-SOOW, C-SOOW Series
Description: Explosion Proof SOOW Cable

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: *James Thomas*

Name: James Thomas
Position: Operations Manager



Frequently Asked Questions (FAQ)

There are no Faqs