

20-Amp Explosion Proof Extension Cord - 55' 12/3 SOOW Cord - Explosion Proof Plug & Connector

Part #: EPEXC-CO-55-12.3-20A

**Made in the USA**

The Larson Electronics EPEXC-CO-55-12.3-20A 55' Explosion Proof extension cord allows operators to safely extend the range of their explosion proof light or equipment cords beyond the boundaries of the hazardous work area. Equipped with Class I & II, Division 1 & 2 plug and connector, this unit is approved for use with explosion proof equipment within classified environments.

Each explosion proof extension cord is constructed of 55' of 12/3 SOOW cord and rated at 20 amps of continuous service. The cord is chemical and abrasion resistant and comes with an explosion proof, 20 amp EPCO-20A connector style receptacle with hinged cover installed on one end and an explosion proof 20-amp plug installed on the other end. The plug on this cord can only be used in T-style outlets and will not work in standard electrical outlets.

The plugs on these units are of a twist lock design. In order for a secure and working connection to take place, the operator must insert the plug and twist until it locks into place. This ensures a safe seal is made before any sparks from electrical contact can take place. To ensure the highest safety, operators should make connections outside of the hazardous area.

The receptacle is constructed of non sparking aluminum and finished with an epoxy powder coating for durability and added corrosion resistance. The internal receptacle plug contacts are constructed of brass and designed to maintain constant pressure along their entire length for superior connectivity. The plug receptacle is deeply recessed to prevent accidental contacts and designed for twist lock plug insertion to provide secure connections. A neoprene seal fitted inside the connector receptacle seals against the plug when inserted to provide positive sealing against water ingress. A spring loaded receptacle door provides an automatic weather-tight seal when the plug is removed. This flip-style lid features a special notch, allowing operators to lock the door in the open position while plugging or unplugging devices. With no devices plugged into the connector, the lid will screw shut, providing a NEMA 4X seal. When a plug is installed in this connector, the internal seals provide a NEMA 3 seal.

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These explosion proof extension cords are preconfigured in 125V (left) or 250V (right). Each unit is equipped with a 20 amp explosion proof cord cap and rated for 20 amps of continual service. The outlets are a twistlock design. The deep recessed contacts in the receptacle housing prevents ordinary and wet location plugs from activating the explosion proof outlets.



125V 5-20P Explosion Proof Straight Blade Plug



250V 6-20P Explosion Proof Straight Blade Plug



Outlet accepts EPP-15A and EPP-20A explosion proof plugs

We offer this unit in a 125V or 250V configuration. Each receptacle's contacts are deep recessed to avoid accidental contact and will accept standard non explosion proof plugs that are NEMA 5-20R, or 6-20R compatible although explosion proof plugs must be used to preserve explosion proof approval in hazardous environments. Ordinary location plugs will NOT activate this cord's explosion proof receptacles. This explosion proof connector is a mate for the Larson Electronics EPP-15A and EPP-20A explosion proof plugs and is compatible with all the Larson Electronics explosion proof lights we make with an explosion proof plug. This unit's receptacle is designed to safely contain any arcs between the internal contacts that may be created within the receptacle housing.

Inter-Compatibility: These cords use T style plugs and will work with non-explosion proof standard receptacles and plugs (NEMA 5-15R, 5-20R, or 6-20R) but will not work with standard 120V wall outlets. The included plugs and receptacle are cross-interchangeable with Crouse Hind™ part# ENP5201 plugs and receptacles and Hubble-Killiark part# UGP-20231 ACCEPTOR® plugs and receptacles. Any equipment requiring these C-H or H-B plugs should work with these cords. Due to possible manufacturer changes we cannot guarantee interchangeability although we have made every effort to ensure cross compatibility correctness.

Suggested Applications: Manufacturing, Industrial, Warehouse, Lighting, Explosion Proof Light Fixtures, Grinders, Wet areas or Locations Where Combustible Dust is Present.

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 for more information about our custom options tailored to meet your specific industry needs.

Specifications / Additional Information

EPEXC-CO-55-12.3-20A Explosion Proof Extension Cord

Amp Rating: 20 Amp Continuous Service

Dimensions: Cord length-55 Feet Plug-2.78"-L 1.75"-W

Configuration: 2 Pole 3 Wire

Voltage: 125 Volts or 250 Volts

Cord Cap: 5-20P or 6-20P EXP

Wiring: 55' 12/3 SOOW Cable Terminated w/ (1) Explosion Proof Straight Blade Plug and (1) 20 Amp Connector

Connector: 5-15C/5-20C or 6-15C/6-20C EXP

Receptacle Specs: 1 Inline Receptacle

Materials: Copper Free Aluminum

Mating Plugs:EPP-15A, EPP-20A

Finish: Epoxy Powder Coat

Warranty: YES - 3 Years*

Plug / Outlet Certifications

Class I, Divisions 1 & 2, Groups C & D

Class II, Divisions 1 & 2, Groups E, F, G

U.L. Certification

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-498-3363

E-mail: sales@larsonelectronics.com

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Options:

EPEXC-CO-55-12.3-20A- VOLTAGE

Example: EPEXC-CO-55-12.3-20A-2023-125V

VOLTAGE	
125V	-2023-125V
250V	-2023-250V

Links (Click on the below items to view):

- [SpecSheet Arabic](#)
- [SpecSheet Spanish](#)
- [SpecSheet Russian](#)
- [Manual](#)
- [Hi-Res Image 1 - Explosion Proof Extension Cord](#)