

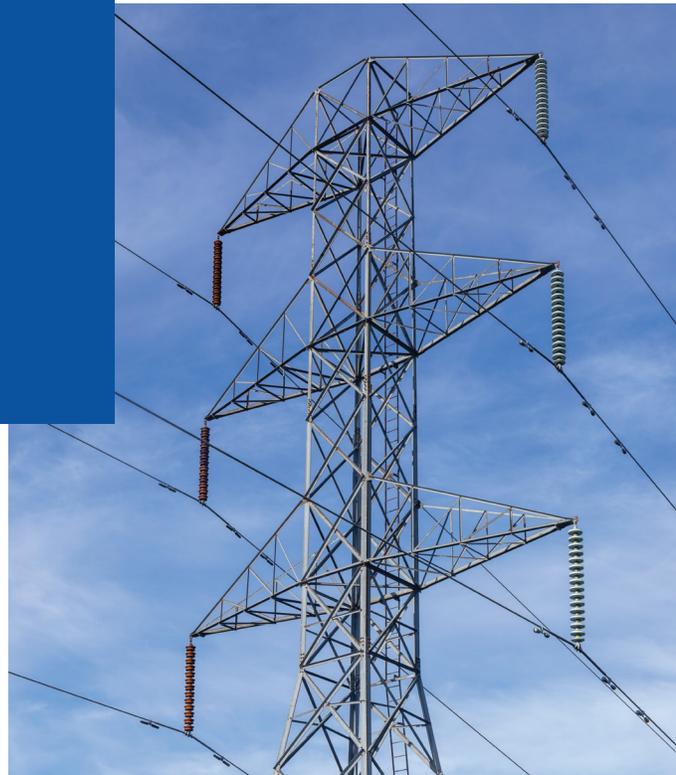
# ACL-CS LINEAR GROUNDING SYSTEM

Pipeline integrity in high-voltage corridors demands more than temporary, bare-metal grounding. CerAnode's ACL-CS Linear Grounding System is engineered to provide continuous AC discharge along the length of the pipeline, helping protect coatings and reduce corrosion risk wherever induced current is a concern. Using a low-resistance conductive backfill, the ACL-CS delivers stable electrical performance over decades—not just seasons.

Each factory-assembled cable combines a flexible copper conductor, carbonaceous backfill with corrosion inhibitor, and a rugged cotton sock with abrasion-resistant braiding to create a uniform, low-resistance grounding path. Supplied on reels in custom lengths and designed for easy splicing, it installs quickly and connects reliably to earth, offering a robust, low-maintenance alternative to bare copper grounding solutions.

## Features:

- Supplied on wooden reels with individual built skids
- Custom continuous stranded copper lengths per customer's requirements
- Packaged in a 1.5-inch dia. cotton sock along with electrical grounding backfill
- Braiding over sock material for additional strength and durability
- Materials employed are "GREEN", meaning they are environmentally safe, being inert, benign & biodegradable



## Advantages:

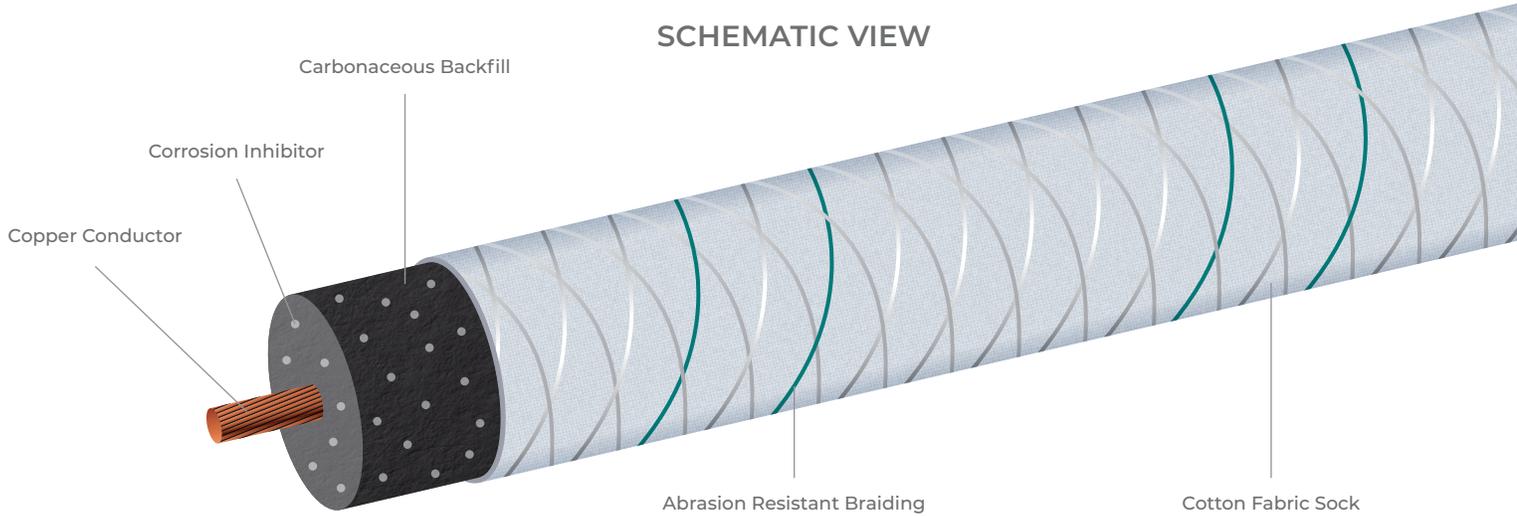
- Performs better than bare copper
- 19 strand copper for better flexibility
- Contains corrosion inhibitor to protect copper
- Low resistance electrical connection to earth
- Ready to install
- Easy to splice
- 100% MADE IN THE USA by CerAnode Technologies International



PRODUCT VIEW



## SCHEMATIC VIEW



# ACL-CS LINEAR GROUNDING SYSTEM: SPECIFICATIONS AND ORDERING INFORMATION

### Specifications:

- Diameter: 1.5-inch sock
- Approx. Product Weight: 1 lb. (0.46 kg) per linear foot (dependent on copper size)
- Copper Conductor sizes: 6 AWG, 2 AWG, 1/0 AWG
- Reel Sizes:
  - Full 5ft reel holds approx. 1,640ft (500m)
  - Full 4ft reel holds approx. 1,000ft (305m)
  - Full 3ft reel holds approx. 400ft (122m)
  - Maximum length per order is 1,640 feet / 500m
- Resistance to earth (500ft): 0.10 ohms/1,000 ohm-cm soil
- Sock material: Cotton
- Outer braiding: For additional strength and durability
- Backfill (inside sock): Loresco® PowerFill™

### Ordering Code: ACL-CS-A-B-C-D-E-F

- A: Copper Conductor Size (6AWG, 2AWG, 1/0 AWG)
- B: Copper Conductor Length (in Ft/M)
- C: Lead length (in Ft/M)
- D: Tail length (in Ft/M)
- E: Insulation for lead and tail cable (HMWPE, Kynar, or Halar)
- F: Others (Specify)
  - Pulling eyelet
  - Fold in half

### Ordering Information

Item Code (Standard Items)	Description
ACL-CS-6-1640-10FT-10FT-6AWG-HMWPE	1,640FT OF LINEAR GROUNDING SYSTEM WITH 6AWG BARE COPPER
ACL-CS-2-1640-10FT-10FT-2AWG-HMWPE	1,640FT OF LINEAR GROUNDING SYSTEM WITH 2AWG BARE COPPER
ACL-CS-1/0-1640-10FT-10FT-1/0 AWG-HMWPE	1,640FT OF LINEAR GROUNDING SYSTEM WITH 1/0 AWG BARE COPPER