

CERANODE MMO CANISTER ANODE

The CerAnode™ CAC-CPR Canister Anode is a factory-assembled impressed current anode system, combining CerAnode's high-performance MMO or enhanced MMO (EMMO) anode element with conductive Loresco® Coke backfill. Each anode is pre-packaged in a galvanized steel canister and ready for immediate deployment in cathodic protection (CP) systems across a wide range of soil and water environments.

Engineered for durability and electrical efficiency, the CAC-CPR delivers reliable current output with a $<100 \mu\Omega$ cable-to-anode connection resistance—minimizing voltage losses and maximizing long-term CP system performance.

Features:

- Mixed-metal oxide (MMO/EMMO) anode wire
- <100 micro-ohm swaged cable connection with moisture seal
- Galvanized steel canister filled with conductive Loresco® SC-3 backfill
- Standard sizes: 3" x 40", 3" x 60", and 4" x 60"
- Epoxy-sealed ends with internal strain-relief anchor
- Custom cable types, lead lengths, and insulation (HMWPE, Halar®, Kynar®)
- Optional sock anode configurations for narrow or flexible trench installs

Advantages:

- 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

Applications:

- Cathodic protection for underground or aboveground storage tanks (USTs/ASTs)
- Pipeline groundbeds in shallow soil or water environments
- Marine and shoreline CP systems
- Infrastructure and industrial buried metal systems



PRODUCT VIEW

PREPACKAGED MMO ANODE FOR GROUND BED AND PIPELINE APPLICATIONS

Factory-assembled MMO anode and backfill system designed for efficient, long-lasting performance in impressed current cathodic protection systems. Available in steel canister or sock format, with customizable cable terminations and lead specifications.

Notes: It is important to specify a CXP option (a connection made with a cross-linked fluoropolymer) for applications where chlorides may be present. It is also important to specify Halar or Kynar cable insulation where chlorides may be present.

Ordering Codes:

CAC-604-5C/FW20YR-200FT-8AWG-HALAR-CXP

CAC-A-B-C-D-E-F

CAC = Product Designator for CerAnode Anode + Canister

A. Canister size and diameter (604=60 inch canister, 4 inches in diameter; 603=60 inch canister, 3 inches in diameter) 606/60 inch can, 6 inch diameter

B. Rated Current Capacity (5 ampere for 20 years)

C. Cable Length (200 ft/whatever is needed)

D: Cable Size (6 AWG, 8 AWG, 10 AWG)

E: Cable Insulation (Halar, Kynar, HMWPE)

F: Cable Connection (Specify X Linked Polyolefin (CXP) or X Linked Fluoropolymer (CXF))

Ordering Information	
Item Code (Standard Items)	Description
CAC-603-8C/FW25YR-CPR-1x48-300FT-8AWG-HMWPE	60-inch long canister anode with a 3-inch diameter with 200 feet of 8AWG HMWPE cable
CAC-603-8C/FW25YR-CPR-1x48-300FT-8AWG-HMWPE	60-inch long canister anode with a 4-inch diameter with 200 feet of 8AWG Halar cable and a cross-linked fluoropolymer

SCHEMATIC VIEW

1. Anode Lead Cable
2. Rated Current Capacity (5 ampere for 20 years)
3. Cable Strain Relief Anchor
4. Epoxy End Seal
5. MultiSeal 100 micro ohm Circumferential Swage Connection
6. Extra Strength MMO Anode Wire or Rod Element
7. Galvanized Canister
8. Hi Carbon, Fine Particle, Calvined, SC-3 Petroleum Coke
9. Anode-to-Canister Connection
10. Plastic Cap

