

## Product Overview

Permanent Reference Electrodes are essential components in cathodic protection systems, providing accurate and reliable measurements of structure-to-electrolyte potentials. These electrodes ensure proper monitoring and control of cathodic protection systems, safeguarding infrastructure from corrosion. Designed for long-term use in harsh environments, permanent reference electrodes are a dependable solution for critical corrosion monitoring needs.

Applications:

- Monitoring pipelines, storage tanks, and underground structures.
- Corrosion control for reinforced concrete structures, such as bridges and seawalls.
- Marine structures, including ships, offshore platforms, and docks.
- Critical infrastructure, including power transmission towers and buried utilities.



Description	Specifications
Manufacturer	Aion
Uses	Buried Soil Applications
Type	Cu/CuSO <sub>4</sub>
Standard Lead Wire	Splicable
Service Life	Minimum 30-year service-life warranty
Shelf Life	Infinite shelf life, infinite stability
Size	Dia: 80mm x 350mm length
Certified Potential Range	±5 mV vs. standard
Working Temperature Range	-20° C to 90° C