

# Model UD – Dual Element Reference

## Typical Applications:

- Aboveground and underground storage tanks, buried pipelines, elevator shafts

## Featuring:

- Two sensing elements: a 30 year design life Cu/CuSO<sub>4</sub> or Ag/AgCl gelled element plus an encapsulated zinc element
- Can be installed in a 2 inch (5 cm) diameter bored hole
- Proprietary backfill mix to retain moisture and minimize migration of contaminants from the surrounding soil



## Housing Specifications

Size – 1 5/8 inch dia. x 21 inch long  
(4.2 cm dia. x 54 cm long)  
Shipping weight – 5 lb (2.3 kg)

## Terminations

LWnnn - nnn ft. #16 AWG 2 conductor  
Neoprene jacketed unshielded cable

## Element Types

Zinc plus either:  
AGG - saturated gelled Ag/AgCl  
CUG - saturated gelled Cu/CuSO<sub>4</sub>  
Design life – 30 years  
Shelf life – 1 year minimum

## Model Designation

Specify as EDI Model UD-xxx-LWnnn  
xxx = element type  
nnn = cable length in feet

## Design Compatibility

The **Model UD** dual element electrode is frequently specified for use between the primary and secondary containment of an aboveground storage tank or between adjacent storage tanks at service stations. It can also be installed in a 2 inch (5 cm) diameter hole which makes it ideal for retrofit through asphalt or concrete where drilling a large diameter hole is difficult or costly.

## Installation

**ASTs:** Place directly on the sand bed at a depth that will ensure at least 2 inches (5 cm) of sand between the reference and the structure. **Other applications:** Drill a 2 inch (5 cm) dia. hole, lower the electrode into place and slurry in backfill.

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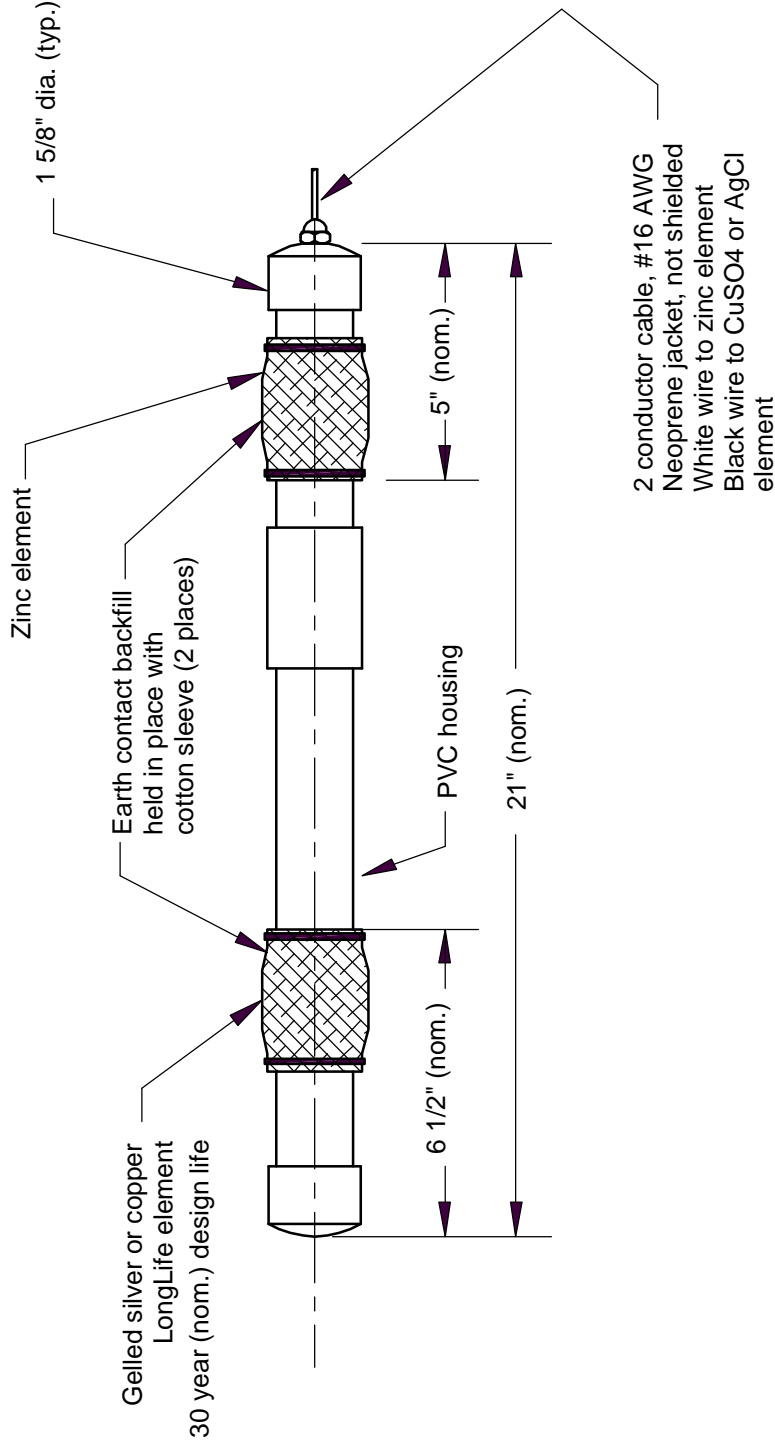
*U Series  
Underground  
Reference  
Electrodes*



Specify as EDI Model UD-xxx-LWnnn where  
 xxx is element type and  
 nnn is cable length in feet

**Element Types**

AGG = Ag/AgCl (saturated, gelled) plus zinc  
 CUG = Cu/CuSO4 (saturated, gelled) plus zinc



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**SlimLine™ Dual Element Reference**

SCALE 1/4 X

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