

PERMANENT REFERENCE ELECTRODE

with Integrated Coupon
...single hole burial



Item #146305

REFERENCE ELECTRODE FEATURES

- Applications: Direct burial in soil, assuming low (<500 ppm) levels of chloride ion contamination. AccuRef Silver/Silver Chloride electrodes are recommended for use in chloride ion contaminated soil
- Low Freezing Point: -20°C
- Design Life: 30 years (AccuRef 30)
- High Purity Materials: Copper rod and copper sulfate crystals
- Cost: Less expensive than most copper sulfate permanent electrodes
- Tip: Moisture absorbent ceramic tip
- Evaporation: Will not dry out at low humidity and/or high heat
- Wire: 25 feet of #12 AWG XLPE RHW-2 lead wire; cross-linked Polyethylene jacket, direct burial, low leakage, 600 V, 90°C Rating. Longer lengths of wire are available
- Electrical Contact Surface Area: Approximately 16.4 in^2 (a cylindrical surface, 1.5 in diameter and 3.5 in length)

COUPON FEATURES

- Integrated coupon/holder assembly
- Integrated PVC pipe adapter for optional PVC pipe connection (nominal 3 in (7.6 mm) diameter pipe)
- Carbon Steel coupon (AISI 1018, ASTM A108, AMS5069) with 10 cm^2 surface area
- #12 AWG (4 mm^2) standard copper wire, green colored THHN insulation, single wire, 25 ft long for coupon connection. Longer lengths of wire are available

Dimensions:

Width: 4.0 Inch maximum outside diameter

Length: 20.75 Inch long (with pipe adapter attached)

Weight: 5.25 Pounds

