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Innovation - Protection - Identification

# Pro-Trace Ground Rod

## Fact Sheet

Part# PTANODE12



Ground Rods pull signal to avoid dispersion in multiple directions and complete the electrical circuit required to return signal back to the locate technician. (They) enable the signal transmission to travel much more fluidly, and enable the use of lower frequency to identify the line and prevent less signal bleed off (pinpoint accuracy) during the locate process.

### DESCRIPTION:

- Anode dimensions: 1.315" x 18.5"
- High-Density Polyethylene cap
- Machined slanted tip for easy drivability
- Wire brazed to steel core
- Wire routing: Machined groove under HDPE cap
- Included Wire: 20' #12 SOL CCS insulated 30 MIL PE RED
- Included Connector: Waterproof connector Min #22 / Max #8 AWG

### ROD COMPOSITION: (IN PERCENTAGES)

- Aluminum: 2.5 minimum, 3.5 maximum
- Manganese: 0.2 minimum, 1.0 maximum
- Zinc: 0.6 minimum, 1.4 maximum
- Silicon: 0.10 maximum
- Copper: 0.05 maximum
- Iron: 0.005 maximum
- Nickel: 0.005 maximum
- Calcium: 0.04 maximum
- Other Impurities: 0.30 maximum
- Magnesium: Remainder