



SnakePit®

ACCESS POINTS

The SnakePit® family of access points provides secure, direct connection to tracer wire systems at ground level in a variety of applications from lite duty off-roadway to heavy duty roadway. First, select the right **base** for the right application. Then pick a **lid** based on your connection requirements.



SNAKEPIT BASES

Lite Duty	Lite Duty Adjustable	Lite Duty XL Adjustable	Concrete/Driveway	Roadway
Light traffic and off-roadway areas such as yards and ditches	Light duty applications with light ground shifting	Light duty applications with heavy ground shifting	Low traffic roads and driveways	Roadway and heavy traffic



(Patent Pending)



SNAKEPIT LIDS

Single-terminal	Two-terminal Switchable	Five-terminal
Direct connection to tracer wire from top of lid. No ground rod connection	Direct connection to tracer wire and ground rod from top of lid (no need to remove lid)	Internal jumpers connect/disconnect tracer wire and ground wire

Lite Duty

LD14*TP - Single-terminal
 LD14*2T-SW - Two-terminal Switchable
 LD14*5T - Five-terminal

Lite Duty Adjustable

LD14*TP - Single-terminal
 LD14*2T-ADJ - Two-terminal Switchable
 LD14*5T-ADJ - Five-terminal

Lite Duty XL Adjustable

LDXL36*TP-ADJ - Single-terminal
 LDXL36*2T-ADJ - Two-terminal Switchable
 LDXL36*5T-ADJ - Five-terminal

Concrete/Driveway

CD14*TP - Single-terminal
 CD14*2T-SW - Two-terminal Switchable
 CD14*5T - Five-terminal

Roadway

RB14*TP - Single-terminal
 RB14*2T-SW - Two-terminal Switchable
 RB14*5T - Five-terminal

* denotes APWA color (B=Blue, G=Green, P=Purple, Y=Yellow, N=Orange, R=Red)

FEATURES AND BENEFITS

- Anti-corrosion gel protect wires from corrosion
- Direct connection to tracer wire system
- Locking cover protects against tampering
- Encapsulated magnet allows for detection by a ferrous metal detector



SPECIFICATIONS

SCOPE

These specifications apply to the SnakePit® Lite Duty Access Point with the Single-terminal Cast Iron Lid.

MATERIAL AND DESIGN

Lid Material (Single-terminal and Five-terminal)

- Cast iron
- Tensile 31,000 psi (ASTM A126 Class B)
- Temp range -150°- 450° F (ASTM A126 Class B)
- Hardware
 - pentagon head bolt - anodized aluminum
 - terminal - brass

Lid Material (Two-terminal Switchable Lid)

- Non-corrosive, injection molded resin
- Flexural modulus 986000 psi, Conditioned (ISO 178)
- Flexural strength 28300 psi, Conditioned (ISO 178)
- Impact rating 43 (-22°F) / 44 (73°F) ft lb/in², Charpy unnotched (ISO 179/1eU)
- Melting temperature 451° F (ISO 11357-3)
- Hardware
 - pentagon head bolt - anodized aluminum
 - terminals and jumper - brass

Base Material

- High-grade ABS rigid plastic (ASTM D1788, Type 1)

Detection

- Access point base designed with magnet securely attached to be easily detected by magnetic locators even when access point is covered by soil, sod and/or paving material

Security

- Locking mechanism secures lid to base in a closed position
- Notched bolt end prevents loss of locking mechanism
- Locking mechanism can only be removed with the proper pentagon wrench

Shape

- Tubular (cylindrical) construction with removable round lid
- Support flange at base

Wire Connections

- Direct connect post designed for utility locate transmitter positive lead
- Anti-corrosion gel supplied with lid must be applied to wire connections to protect connection points
- Access point designed for operational access to underground tracer wire systems

Lid Position

- Access point designed so that when installed, the collar will be flush with the surface and contain the lid so that it will not be in contact with the adjoining backfill or pavement
- The top surface of the access point lid is flush with the top of the base. The top of the bolt, when completely tightened, is flush with or below the lid surface.

QUALITY ASSURANCE

- Copperhead products are manufactured under a quality control system that ensures products are free of defects and meet performance requirements.
- Copperhead provides best-in-class customer service. We promise to put forth our best efforts for our customers and to treat everyone we encounter with courtesy and respect.

