Molded Polyethylene Handholes for Telecommunications, Utility, Broadband Cable and Municipality Placements

Charles Below Grade Enclosure (CBGE) are lightweight, molded polyethylene handholes available in eight tapered rectangular and two round sizes. Designed for light duty placements (parkway/greenbelt applications), these sturdy below grade enclosures serve a variety of purposes in telecommunications, wireless, utility, CATV and municipality networks.

Constructed from high-density polyethylene (HDPE), Charles Below Grade Enclosures are built to provide years of maintenance-free service and superior shelter for buried network components. CBGE allow technicians easy handhole access to splice cases, control valves, slack cable, and other equipment at network junctions. Molded-in or applied nameplates offer convenient identification, and several security bolt patterns are available.

Below Grade Enclosures

FEATURES

- Structurally rugged, non-metallic molded polyethylene material composition produces enclosures that are durable, lightweight, easy to install, and resistant to chemicals and water
- Tapered sides create maximum usable interior space, and allow both rectangular and round enclosures to be nested for compact shipping and storage
- Deep well bottom edges provide long-term stability in below grade placements
- Variety of drop-in or molded-in nameplates are available, with custom nameplates available via special order
- Multiple molded-in colors available - green, gray, and black
- Skid resistant covers improve safety
- Stainless steel bolts
- Integrated EMS detection available

APPLICATIONS

CBGE are designed to meet or exceed ANSI/SCTE ratings for light duty, pedestrian-only (greenbelt) applications, including:

- Fiber optic and copper slack cable coiling and storage
- Access to sealed cases (splice cases, repeaters, load coils, SmartCoils™, etc.)
- Meter boxes
- Irrigation system and other waterway control valvesIntegrated EMS detection available
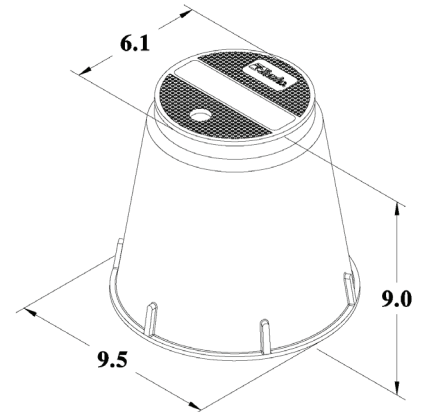- Traffic signal controls
- Ground rods

MARKETS SERVED:

- Telecom / FTTX
- Utility
- Wireless
- Broadband Cable

P060010

Shown with
Mousehole Option

Appx. Dimensions:
06"W x 00"L x 10"D

**Cover Weight
(Overlapping Cover):**
0.25 lb.
Box Weight:
1.0 lbs.
Assembly Weight:
1.25 lbs.

Pallet Quantity:
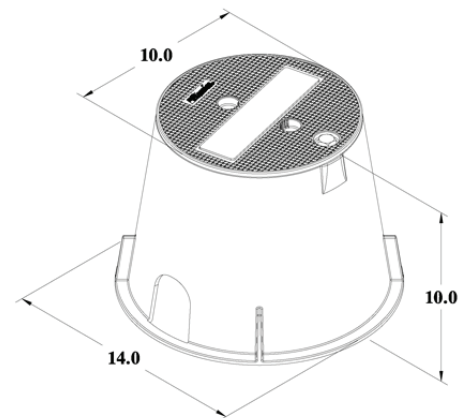500
Loaded Pallet Weight:
675 lbs.

6.1

9.0

9.5

P100010

Mousehole Option
Available

Appx. Dimensions:
10"W x 00"L x 10"D

**Cover Weight
(Overlapping Cover):**
1 lb.
Box Weight:
3 lbs.
Assembly Weight:
4 lbs.

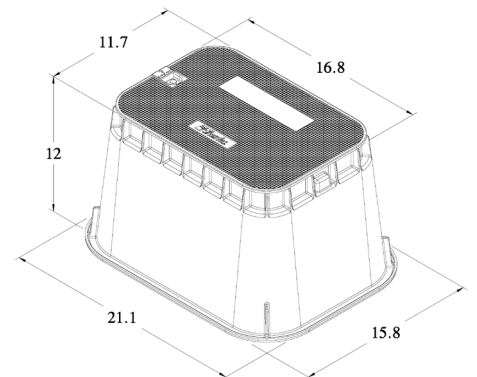**Pallet Quantity:**
180
Loaded Pallet Weight:
770 lbs.

10.0

10.0

14.0

P141912

Mousehole Option
Available

Appx. Dimensions:
14"W x 19"L x 12"D

**Cover Weight
(Overlapping Cover):**
2 lbs.
Box Weight:
6 lbs.
Assembly Weight:
8 lbs.

Pallet Quantity:
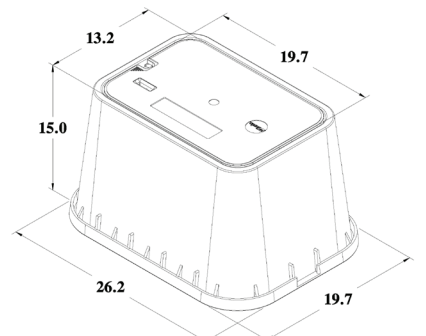78
Loaded Pallet Weight:
635 lbs.

11.7

16.8

12

21.1

15.8

P142015

Mousehole Option
Available

Appx. Dimensions:
14"W x 20"L x 15"D

**Cover Weight
(Overlapping Cover):**
6 lbs.
Box Weight:
12 lbs.
Assembly Weight:
18 lbs.

Pallet Quantity:
100
Loaded Pallet Weight:
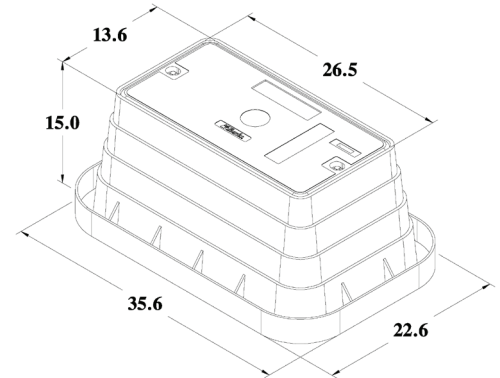1850 lbs.

13.2

19.7

15.0

26.2

19.7

P132415

Appx. Dimensions:
13"W x 24"L x 15"D

Cover Weight (Overlapping Cover):
5 lbs.
Box Weight:
19 lbs.
Assembly Weight:
25 lbs.

Pallet Quantity:
30
Loaded Pallet Weight
800 lbs.

13.6
26.5
15.0
35.6
22.6

P173015

Appx. Dimensions:
17"W x 30"L x 15"D

Cover Weight (Overlapping Cover):
11 lb.
Box Weight:
20 lbs.
Assembly Weight:
31 lbs.

Pallet Quantity:
20
Loaded Pallet Weight:
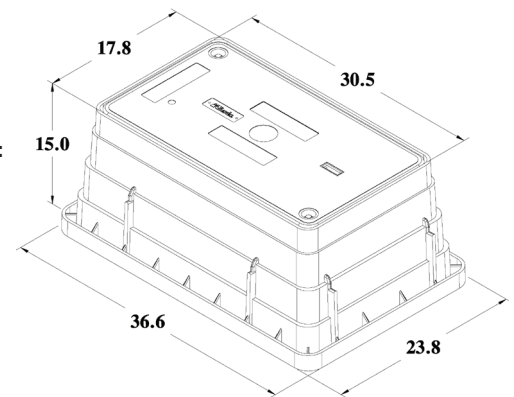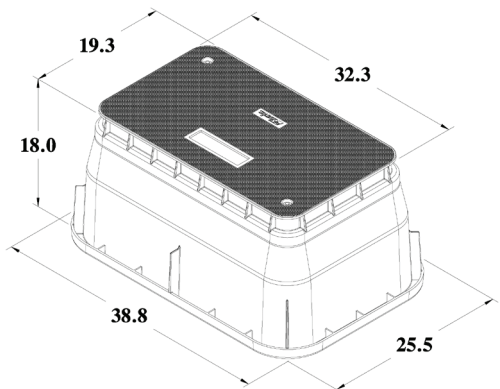670 lbs.

17.8
30.5
15.0
36.6
23.8

P173018

Appx. Dimensions:
17"W x 30"L x 18"D

Cover Weight (Overlapping Cover):
11 lbs.
Box Weight:
21 lbs.
Assembly Weight:
32 lbs.

Pallet Quantity:
10
Loaded Pallet Weight
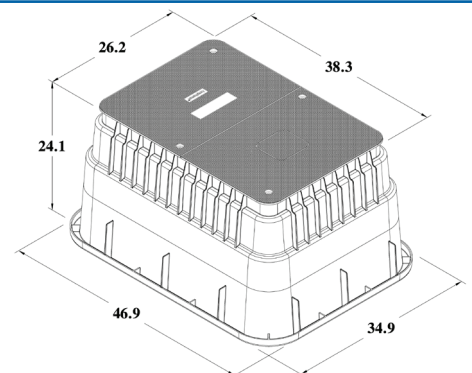370 lbs.

19.3
32.3
18.0
38.8
25.5

P243624

Appx. Dimensions:
24"W x 36"L x 24"D

Cover Weight (Overlapping Cover):
20 lbs.
Box Weight:
47 lbs.
Assembly Weight:
67 lbs.

Pallet Quantity:
6
Loaded Pallet Weight:
402 lbs.

26.2
38.3
24.1
46.9
34.9

Charles
an **Amphenol** company

Charles Below Grade Enclosures Part # Nomenclature

1	2	3	4	5	6	7	8	9	10	11

1 – Product

P = P-Series

2 – Size - Width*

06	= 6 inches
10	= 10 inches
13	= 13 inches
14	= 14 inches
17	= 17 inches
24	= 24 inches

3 – Size - Length*

19	= 19 inches
20	= 20 inches
24	= 24 inches
30	= 30 inches
36	= 36 inches
00	= Round

4 – Size - Depth*

10	= 10 inches
12	= 12 inches
15	= 15 inches
18	= 18 inches
24	= 24 inches

*For #2-#4, see inside pages for 8 valid size combinations

5 – Type

A	= Base/Cover
S***	= Base/2-Piece Split Cover
Y**	= Base/2-Piece Split Cover with Pedestal Cut-Out 5.75" x 6.25"

**Y is only available on 17"x30"x18" & 24"x36"x24"
***S is only available on 24"x36"x24"

6 – Base Color****

B	= Black
G	= Green
E	= Gray

****Models with Overlapping Covers are available with Black (B) Base Color option only.

7 – Cover Color

G	= Green
E	= Gray

8 – Option*****

M	= Tapered w/Mouse Hole
T	= Tapered (std.)

*****Mouse hole option is only available on 6" and 10" round, and 14"x19"x12" and 14"x20"x15" rectangle sizes.

9 – Bolt Type

E	= Edison Penta-head
H	= Hex-head
R	= REA Penta-head
X	= None

10 – EMS Detection

T	= Telephone
P	= Power
X	= None

11 – Name Plate/Customer

CA	= CATV
CU	= COMMUNICATIONS
EL	= ELECTRIC
FO	= FIBER OPTIC
GA	= GAS
GD	= GROUND
LT	= LIGHTING
PW	= POWER
TE	= TELEPHONE
XX	= Blank (Filler)
__	= Empty

Name Plate Examples