

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







Nexicom Systems Inc. • Tried. Tested. Proven.
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Charles Below Grade Enclosure (CBGE) are lightweight, molded polyethylene handholes available in seven 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.

MARKETS SERVED:

-  Telecom / FTTX
-  Utility
-  Wireless
-  Broadband Cable



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 valves
- Integrated EMS detection available
- Traffic signal controls
- Ground rods

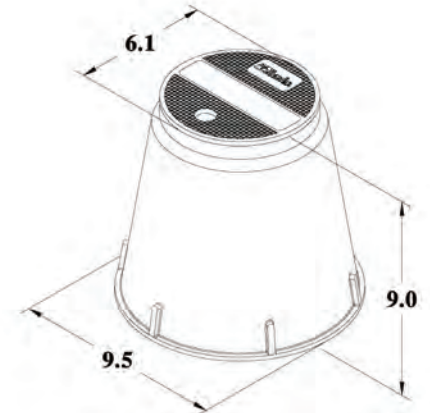
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Appx. Dimensions:
06"W x 00"L x 10"D

**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.



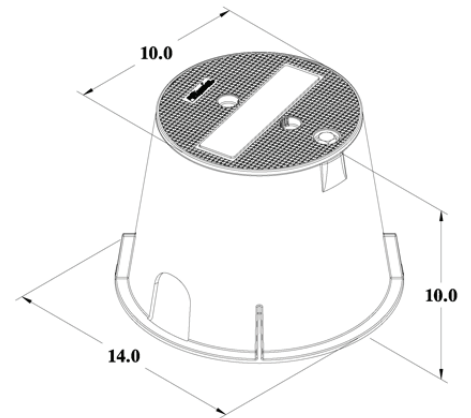
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Appx. Dimensions:
10"W x 00"L x 10"D

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

Pallet Quantity:
180
Loaded Pallet Weight:
770 lbs.



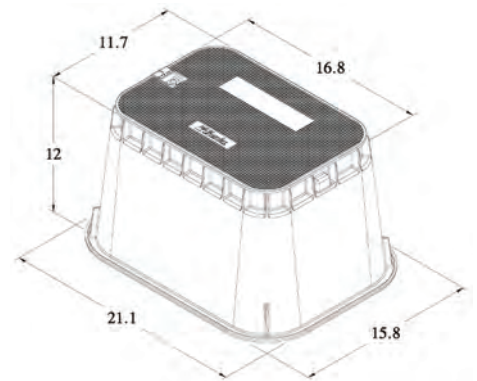
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Appx. Dimensions:
14"W x 19"L x 12"D

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

Pallet Quantity:
78
Loaded Pallet Weight:
635 lbs.



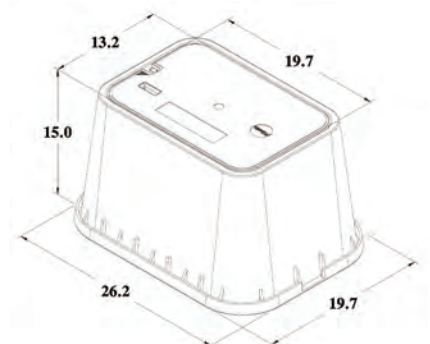
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Appx. Dimensions:
14"W x 20"L x 15"D

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

Pallet Quantity:
100
Loaded Pallet Weight:
1850 lbs.



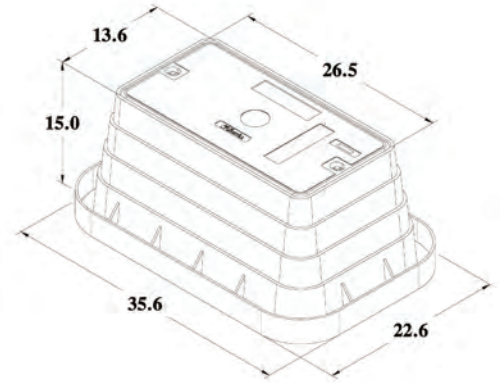
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Appx. Dimensions:
13"W x 24"L x 15"D

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

Pallet Quantity:
30
Loaded Pallet Weight:
800 lbs.



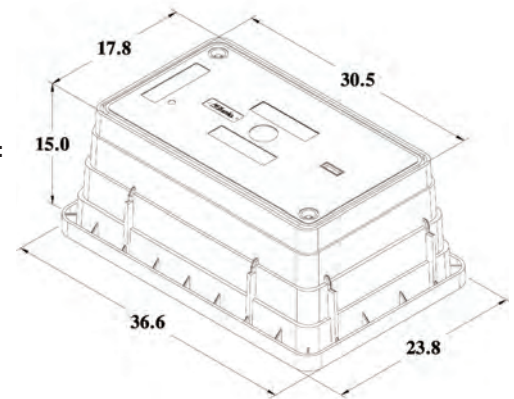
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Appx. Dimensions:
17"W x 30"L x 15"D

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

Pallet Quantity:
20
Loaded Pallet Weight:
670 lbs.



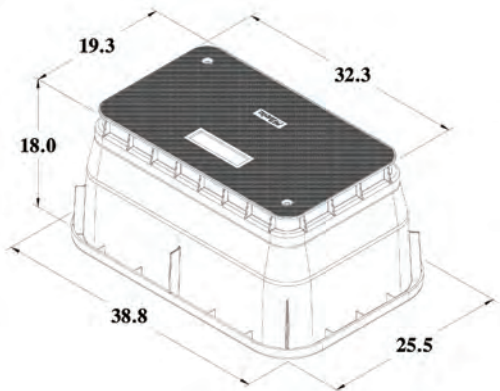
P173018



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.



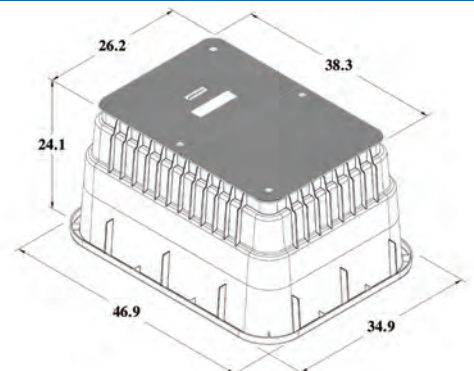
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Appx. Dimensions:
24"W x 36"L x 24"D

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

Pallet Quantity:
6
Loaded Pallet Weight:
402 lbs.



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

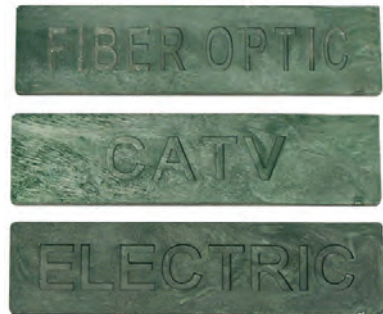
10 – EMS Detection

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



Charles CBGE are for use in non-vehicular traffic placements only (parkway/greenbelt placements). We do not recommend installation in concrete or asphalt. Dimensions may vary marginally.

Please call (847) 806-6300 for sales assistance and additional product information, including availability of custom options.

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