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ORDERING GUIDE

Shutter Box Series Grade Level Boxes (SGLB™) Unsurpassed "I-Beam" Strength

Inspired by the below-ground shutter boxes used for utilities throughout Europe, Channell's "Shutter Box" Series SGLB boxes provide the highest-performance standards in the industry for thermoplastic subsurface enclosures.

One of the major features of the boxes is the straight sidewall "I-Beam" construction that, together with the high rib design, greatly increases the cover load bearing capacity and sidewall strength. Unlike standard thermoplastic tapered boxes, the "Shutter Box" straight sidewall design allows the cover load to be supported by the complete sidewall, rather than an unsupported "tapered neck." This feature permits the "Shutter Box" Series boxes to be used for a multitude of greenbelt and sidewalk applications. With the additional option of a polymer concrete cover and ring, the boxes exhibit a static vertical

load bearing capacity up to 20,000 pounds, making them suitable for sidewalk and driveway applications.

A full range of unique options (patents pending) support this product, including a two-position swing-arm bracket, the universal L-Bolt™ locking feature and a Split Cover option with enclosure plug. Three sets of factory-installed threaded studs permit installation of optional hot-dipped galvanized racks, sidewall mounting brackets, and a thermoplastic swing arm assembly equipment mounting plate to accommodate a Bracket Mounted Terminal (BMT®) or fiber tap in the field.

Meets and is qualified to Telcordia GR-902-CORE specifications. Complies with the applicable elements of Western Underground Committee, ANSI / SCTE 77 2002.



SGLB 2436

SGLB 1730

Features

- Straight sidewall “I-Beam” design permits higher load capacity
- High rib design eliminates sidewall deflection in extreme soil conditions and firmly secures the box in the soil
- High quality HDPE waffle-design of box body distributes load over strongest section of “Shutter Box” SGLB wall
- Solid thermoplastic cover, or split cover with the optional two-way enclosure plug allows for quick, hassle-free “snap-in” pedestal upgrade
- Universal “L” bolt security system eliminates the worry of lost cover bolts
- Unique “T” style overlapping cover design prevents soil from interfering with cover removal
- Two winterized drop/access holes are standard in the “Shutter Box” SGLB body
- Cable locator marker can be quickly installed into cover
- Optional “quick connect” polymer concrete covers and mounting rings available to upgrade “Shutter Box” SGLB for higher load bearing requirements when installing boxes in sidewalk or driveway applications
- Three sets of factory-installed studs for field retrofit of racks, brackets and swing arm assembly

The straight sidewall design of the “Shutter Box” Series grade level boxes allows the load-bearing surface to be fully supported by the “I-Beam” strength of the full sidewall. HDPE waffle-design of the box body distributes the cover load over the strongest section of the box wall. Additionally, the sidewall high rib design greatly reduces or eliminates sidewall deflection.

Body Features



Standard Features



Winterized Drop Door (2 places)



Mounting Stud



"L" Bolt Security Latching System



Threaded floating nut assembly

Optional Features



Fiber Tap Mounting Plate



Step Rack w/Universal Mounting Bracket



Marker Locator

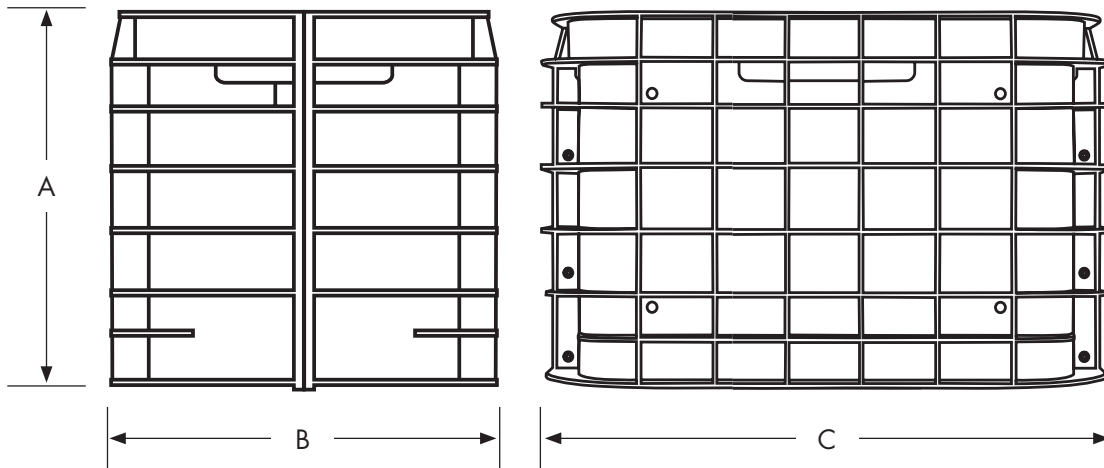


Sidewall Mounting Plate



Swing-arm Assembly

Specifications



	A	B	C
SGLB1730	24" (609.6mm)	21.75" (552.5mm)	33.25" (845.0mm)
SGLB2436	24" (609.6mm)	28.5" (723.9mm)	40.25" (1022.4mm)

Channell's SGLB1730 and SGLB2436 "Shutter Box" Series SGLBs have the highest strength/deflection ratings in the industry.

	Solid Thermoplastic Cover	Split Thermoplastic Cover	Polymer Concrete with Ring
Application	Greenbelt	Greenbelt	Sidewalk
Static Load	5,000 lbs.	5,000 lbs.	10,000/20,000 lbs.*

*Note: Contact Channell for complete load specifications for polymer concrete cover with ring.

Cover Types and Options



- 1 Standard Thermoplastic Cover
- 2 Thermoplastic Split Cover (with Plug shown)
- 3 Polymer Concrete Ring and Cover (Refer to Ordering Information)



SGLB2436 box shown with split thermoplastic cover and removable plug.



FTTP SGLB system with MGF1010 housing mounted on SGLB2436 split cover (plug removed).



SGLB2436 box shown with polymer concrete ring and cover installed.

Ordering Information

8 EASY STEPS

SGLB XXXX XX X XXX X A04

- 1** Description _____
- 1** Specify Cover Size _____
- 1730 – 17" x 30"
2436 – 24" x 36"
- 2** Select Body Depth _____
- 24 – 24"
48 – 48"
- 3** Designate Cover Color _____
- 1 – Green
3 – Gray
- 4** Designate Cover Identification _____
- B – Broadband
N – Blank
T – Telecommunications
E – Electric
W – Water
- 5** Select Cover Type _____
- 1 – Solid Thermoplastic
2 – Split Thermoplastic Cover with 12" x 12" Plug (Available for SGLB2436 Only)
4 – Split Thermoplastic Cover with Plug (Not Compatible with Swing or Marker)
5 – Polymer Concrete Cover and Ring
7 – Polymer Concrete Cover and Ring with Crossbar Racks in Vault (Tier 8)
8 – Solid ABS
- 6** Select Cover Security _____
- 1 – "L" bolt (Available only on thermoplastic covers)
2 – Bolt-Down
3 – Penta Bolt
- 7** Select Racking _____
- 0 – None (All Bodies are Equipped with Seven MT Studs for Mounting Brackets and Racks)
1 – Step Racks (Three 15" racks)
2 – Swing-arm with Butterfly Mounting Plate (see BOM)
3 – Step Racks and Swing-arm
4 – Sidewall Mounting Plate (00452)
5 – Swing-arm with Sidewall Mounting Plate and Butterfly Mounting Plate
6 – Step Racks (3) with Universal Mounting Bracket
7 – Dual Swing-arm
8 – Swing-arm Only
9 – Crossbar Racks
- 8** Designate Accessory Options _____
- A04 – Marker/Locator (Not for Split Lid with Plug or 1730 Bolt-Down)

Example: SGLB2436241T111A04 Shutter Box Series GLB2436, 24" Depth, Green Cover, Telecommunications Cover Identification, "L" Bolt Security, Step Racks Installed in Body, Marker/Locator Disk (Installed on Cover)



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