

# SCEPTER JBOX

4" - 16" (100mm - 400mm)

## Scepter® JBox™

Scepter® JBox™, the Next Generation Junction Box. The original junction box is completely redesigned and new features have been added to make this the easiest box to use. The patent pending integral gasket, non-metallic fasteners, molded mounting feet, embossed grid-lines and flat cover features have been engineered to provide a contractor-friendly junction box.

### ADVANTAGES

- 1 Zero Footprint**  
Design allows for installation in corners and immediately adjacent to other products. There is easy access to all mounting feet and fasteners.
- 2 Installing Overhead**  
Integral fasteners allow for easy overhead positioning and securing.
- 3 Mounting in a Cover**  
Pilot lights, control switches and other devices are easily mounted. The Cover is free and clear of supporting ribs, and has a uniform thickness.
- 4 Added Security**  
Sizes 6" and larger feature a lock-out option. Tie-wrap, tamper resistant bolt or padlock will restrict access to the box.
- 5 More Interior Volume**  
Increased space from wire pulling and for ease of bend radius. The increased cubic inch volume allows for more flexibility

### SHORT FORM SPECIFICATIONS

Junction boxes shall be acceptable for indoor and outdoor use and manufactured of PVC in a gray color analogous to Rigid PVC conduit and fittings. The junction box and its fasteners, hinges or components shall be entirely non-metallic. Boxes shall be NEMA rated and certified to bi-national standard UL50/50E – CSA No.94.1/94.2 by a Nationally Recognized Testing Laboratory (i.e. UL or CSA).

The cover/box gasket shall be dual-molded or permanently fixed so as to be an integrated part of the cover. The cover should be secured to the box using non-metallic quarter-turn "close by hand,

tool assist to open" fasteners. To aid in the alignment and proper positioning of conduit connections the box/enclosure shall have embossed gridlines on the sidewalls. The mounting feet shall be a permanent molded feature of the box and not extend beyond the periphery of the box/enclosure. On boxes/enclosures of nominal size 6" x 6" and larger, back-panel / DIN rail mounting and pad-lock provisions shall be incorporated into the product.

Acceptable manufacturer: IPEX (Scepter JBox Series)

### APPLICATIONS

- Corrosive environments
- Waste-water treatment facilities
- Marine & car washes
- Agricultural
- Wash down

### STANDARDS

#### NEMA Rated

1, 2, 3R, 4, 4X, 6\*, 6P\*, 12, 13

\*Applies only to 4" to 12" non-hinged covers

#### CSA Listed

CSA C22.2 No. 40

CSA C22.2 No. 85

UL 50 / CSA C22.2 No. 94.1

UL 50E / CSA C22.2 No. 94.2



### SMOOTH FLAT COVER

- No ribs – offers a flat, smooth surface for mounting of devices or labels
- No engravings

### HAND-CLOSE FASTENERS

- Close by hand – tool assist to open
- 100% non-metallic – corrosion resistant material
- No loose hardware for easy installation

### LOCK-OUT OPTION

- Available on sizes 6" to 16"
- Use a tie-wrap, bolt or padlock for added security



### GRIDLINES FOR DRILLING

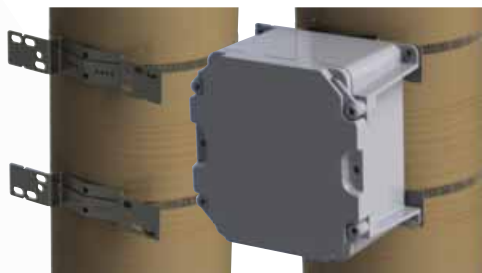
- Easy reference for drilling knockouts
- Makes conduit alignment a snap
- Indicates a “drill zone”

### LEAK-FREE INTEGRATED GASKET

- Injection molded and extruded gaskets permanently fixed to the cover – no installation required
- Proprietary gasket material creates a 6P rated enclosure (4" – 12")
- Neoprene gasket material creates a 4X rated enclosure (14" – 16")

### MOLDED MOUNTING FEET

- Molded – no loose parts to assemble
- Located on corners out of the way of conduit connections
- Flush with the back of the box for close surface mounting
- Integrated design of mounting feet offers improved strength



### POLE MOUNTING KIT

- One kit fits 4" to 12" new Scepter JBoxes (PMK4-12)
- Supplied as a complete kit
- Works with wood, concrete, steel and composite poles
- Installs on round, square & octagonal poles up to 15" diameter

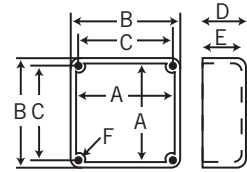
### BACK PANEL

- Designed to fit sizes 6" and 16"
- Made of 14 gauge carbon steel
- White epoxy powder-coated finish
- Easy to cut and drill to mount devices



## JUNCTION BOXES

NEMA rated 1, 2, 3, 4, 4X, 6P, 12, 13 and UL approved for use in wet locations, Scepter's JB PVC molded **JUNCTION BOXES** are available in sizes from 4" x 4" x 2" to 12" x 12" x 8" and supplied with threaded brass screws and inserts, flexible PVC gaskets and external mounting feet. Nylon or stainless steel screws, as well as larger sizes are available on request.



Part Number	Product Code	A inches	B inches	C inches	D inches	E inches	F inches	Volume (in. <sup>3</sup> )
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### PVC Molded Junction Boxes

JB442	077659	3.675	4.000	3.450	2.125	2.000	8-32	26.5
JB444	077696	3.675	4.000	3.450	4.188	3.750	8-32	51.5
JB446	077669	3.675	4.000	3.450	6.225	6.000	8-32	78.0
JB552	077670	4.680	5.000	4.485	2.000	1.845	8-32	40.0
JB664	077697	6.000	6.375	5.813	4.188	4.000	10-32	138.0
JB666	077698	6.000	6.375	5.813	6.188	6.000	10-32	211.0
JB884	077664	8.075	8.625	7.966	4.230	4.005	1/4-20	434.0
JB887	077671	8.100	8.625	7.966	7.250	7.035	1/4-20	248.0
JB12124	077672	12.085	12.580	11.874	4.256	4.030	1/4-20	577.4
JB12126	077666	12.085	12.580	11.874	6.240	6.025	1/4-20	846.0
JB12128	077668	12.085	12.580	11.874	8.250	8.025	1/4-20	1102.0

### Fabricated Boxes

Unflanged PVC fabricated boxes of any size may be made to customers' specifications and come complete with lids, gaskets and screws. These boxes are not UL Certified and are not returnable.

Description	Part Number	Product Code
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### Threaded Junction Boxes

	LFB150C	077250
	LFB150T *	077251

\*LFB150T complete with 1/2 threaded" hole in center of cover

