



Specifications

Length:	6-1/2"
	165 mm
Width:	4-3/4"
	121 mm
Height:	3"
	76 mm

JB1701

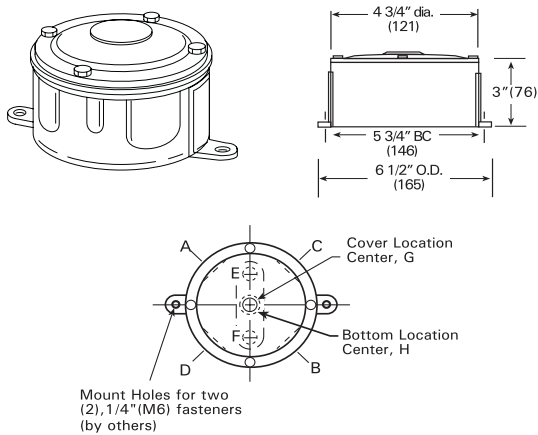
Underwater Junction Box

HIGHLIGHTS

- Designed for connection of supply cords from underwater fixtures and service conduits
- Heavy wall cast bronze
- Stainless steel hardware
- Bottom and side entries available
- 25 cubic inches

BAA

DIMENSIONS



ORDERING INFORMATION

EXAMPLE: JB1701 12A 12B 12C 12D 34E 34F 12G 12H

Model	Conduit Entries - Side ^{1,3}	Conduit Entries - Bottom ^{1,2,3}	Entry - Cover ^{1,3}	Conduit Entries - Bottom Center ^{1,2,3}
JB1701	12A 1/2" NPT	12E 1/2" NPT	12G 1/2" NPT	12H 1/2" NPT
	34A 3/4" NPT	34E 3/4" NPT	34G 3/4" NPT	34H 3/4" NPT
	16A PG16	16E PG16	16G PG16	1H 1" NPT
	20A M20	20E M20	20G M20	16H PG16
	12B 1/2" NPT	12F 1/2" NPT		20H M20
	34B 3/4" NPT	34F 3/4" NPT		25H M25
	16B PG16	16F PG16		
	20B M20	20F M20		
	12C 1/2" NPT			
	34C 3/4" NPT			
	16C PG16			
	20C M20			
	12D 1/2" NPT			
	34D 3/4" NPT			
	16D PG16			
	20D M20			

Notes:

- Maximum of one entry size per location.
- If 1H or 25H are chosen, no drilling available at E and F locations.
- PG16 and M20 drillings are for international applications.

Potting Compound and Cord seals are sold separately

SPECIFICATIONS AND FEATURES

MATERIAL: Heavy wall cast bronze.

VOLUME: 25 cubic inches (410 cu.cm.)

GASKET: Silicone.

CONDUIT ENTRIES: Bottom and side entries available. See ordering guide.

FASTENERS: Stainless Steel.

ACCESSORIES: Re-enterable potting compound and cord seals available separately.

LISTING: UL

JUNCTION BOX SELECTION: Use the chart below as a guide for proper junction box selection and size.

BUY AMERICAN ACT: This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

Conductor Size A.W.G.	Free Space Within Box For Each Conductor
18	1.5 Cu. in.
16	1.75 Cu. in.
14	2.0 Cu. in.
12	2.25 Cu. in.
10	2.5 Cu. in.
8	3.0 Cu. in.
6	5.0 Cu. in.

All conductors, i.e., power supply, fixture conductors and ground leads are to be considered in calculations. For a typical example: Junction box to be selected must accommodate 4 #16-3 conductor cords and 3 #12 service conductors. Referring to the chart: 12 #16 wires = 21 cu. in. and 3 #12 wires = 6.75 cu. in., or a total of 27.75 cu. in. The ideal junction box selection would be catalog JB1706. See separate junction box specification sheets

RECOMMENDED ACCESSORIES FOR JUNCTION BOX



PC21 (FILLS 35 CU. IN.)
PC2112 (FILLS 20 CU. IN.)

RE-ENTERING POTTING COMPOUND

- PC21 is a re-enterable potting compound which pours yellow and cures transparent so connections are easily located. It meets N.E.C. requirements for potting underwater junction boxes.

MODEL

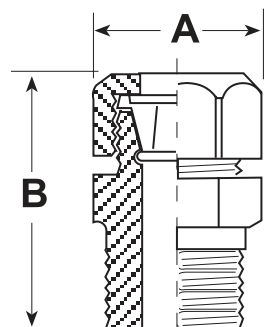
PC21	35 cubic inches
PC2112	20 cubic inches

SPECIFICATIONS AND FEATURES

MATERIAL: Shall be of urethane formulation.

CURE TIME: Shall be 20 minutes at 73°F and 80 minutes at 20°F.

PACKAGING: Shall be unipak, allowing for fast mixing of pre-measured portion and is poured directly from container.



CORD SEALS - WATERTIGHT CORD ENTRANCE SEAL

- Constructed of brass with neoprene grommet, these seals are for use in underwater junction boxes as fixture cord entrance seals with type ST & SO water-resistant cord.

MODEL

CS14302	18-3 cord, 1/2" opening
CS14303	14-3 cord, 3/4" opening
CS14304	18-3 cord, 3/4" opening
CS143022	16-3 cord, 1/2" opening
CS143032	12-3 cord, 3/4" opening
CS143033	10-3 cord, 3/4" opening

SPECIFICATIONS AND FEATURES

BODY AND NUT: Brass

GROMMET: Neoprene

CAT. #	A	B
CS14302	7/8	1 1/2
CS14303	1 1/4	1 3/4
CS14304	1 1/4	1 3/4
CS143022	7/8	1 1/2
CS143032	1 1/4	1 3/4
CS143033	1 1/4	1 3/4