

Selecting a Raised Access Floor Box

To assist with the floor box selection process please have the following information available:

Electrical requirements:	Box depth	Cover style:
Power (each electrical device requires one gang) Data/AV (consult manufacturers' specification for size/volume requirements), number required. Add up total number to determine needed capacity. If necessary capacity is not shown round up to next size. Example: 9-Gang rounds up to a 10-Gang floor box.	Determine maximum tile thickness and station height and add together. Box depth can not exceed total.	Round Rectangular

Once this information is gathered start on the right column "capacity" select necessary box, then select the concrete pour depth and on-grade or above-grade application, and finally cover style. Locate inter connecting point of all three categories and move to right to select correct catalog number.

- ① Capacity: Select necessary box.
- ② Box Depth: Determine maximum possible depth (tile and station height total) and select a depth less than the calculated height.
- ③ Cover Style: Select Round or Rectangular, not all box sizes are available in round.
- ④ Locate interconnecting point of all three categories and move to right to select correct catalog number.

		Box Depth ②						
		2 ½ in.	3 in.	2 ½ in.	5 in.	5 ½ in.	6 ¼ in.	
Capacity ①	2-Gang			•				AFB2G25
				•				AFB2G25CHI
					•			AFB2G50
					•			AFB2G50CHI
	4-Gang	•						AFB4G25
		•						AFB4G25CHI
					•			AFB4G50
					•			AFB4G50CHI
							•	RAFB4BASE
	10-Gang					•		AFB10G55
						•		AFB10G55CHI
		Rectangular	Rectangular	Furniture Feed	Furniture Feed	Rectangular	Round	
	Cover Style ③							

Select Correct Catalog Number ④

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2-Gang Rectangular Floor Boxes, Covers and Plates



AFB2G Series – Rectangular Box

- Designed for wood and tile applications
- 5 in. deep box allows for 2 in. conduits - ideal for furniture feed applications
- 2 ½ in. provides a solution for floors using short pedestals

Catalog Number	Box Type	Knockouts	Box Depth	Max Tile Thickness	Plate Depth	Device Volume	Cover Series
AFB2G50	Standard	½ in. to 2 in.	5 in.	2 in.	2 ½ in.	60 cu. in.	2GAFB
AFB2G50CHI	Chicago	None					
AFB2G25	Standard	½ in. and ¾ in.	2 ½ in.	2 in.	2 ½ in.	30 cu. in.	2GAFB
AFB2G25CHI	Chicago	None					



Rectangular Covers (for use with raised access tiles and wood floors)

- Die cast construction available in five finishes
- UL 514A listed
- Furniture feed includes one 2 in. conduit hub and one 1 in. conduit hub with reducer to ¾ in.
- Maximum static load of 800 lbs with 2x safety factor*

Finish	Surface Style Cover	Surface Style Cover with Insert	Furniture Feed Cover
Aluminum Powder Coated	2GAFBCVRLU	2GAFBCVRLUC	2GAFBFFCVRLU
Black Powder Coated	2GAFBCVRBK	2GAFBCVRBKC	2GAFBFFCVRBK
Brass Powder Coated	2GAFBCVRBRS	2GAFBCVRBRSC	2GAFBFFCVBRRS
Bronze Powder Coated	2GAFBCVRBRZ	2GAFBCVRBRZC	2GAFBFFCVBRZ
Satin Nickel Powder Coated	2GAFBCVRNK	2GAFBCVRNKC	2GAFBFFCVRNK

* Load applied through a 3 in. (76mm) mandrel in center of the cover.



Plates - for use in 2, 4 and 6-Gang Floor Boxes

- UL 514A listed

Plate Style	(1) Decorator Opening	(1) Duplex Opening	(2) Extron® MAAP Openings	(2) Extron® Openings
Cat. No.	FBMPREC	FBMPDUP	FBMPMAAP	FBMPAAP



Plate Style	(2) 1U Hubbell iStation Openings	(1) 1.5U Hubbell iStation Opening	(1) Simplex Opening 1.40 in. Diameter	(1) Twist-Lock® Opening 1.60 in. Diameter
Cat. No.	FBMP2IM	FBMP15IM	FBMP139	FBMP156



Plate Style	1-Gang Blank	Cable Feed Through with Bushing	(1) Opening for TracJack® or Series II®	(1) Opening w/ Hubbell ISF6 Frame for Keystone Jacks
Cat. No.	FBMPBNK	FBMPFT	FBMPTRAC	FBMP6KS



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