Access floor modules

Steel City access floor modules from ABB eliminate the clutter of power, voice and data lines by keeping everything out of sight but conveniently close at hand. Our easy-to-install access floor modules are designed to blend with any decor, while providing the durability and versatility you need to meet the growing demands of today's high-tech offices.

You can use our access floor modules with virtually any type of raised floor. Our system is designed to provide a simple, strong and adaptable solution to even the most demanding wire-management needs.

Range of box sizes designed to meet the needs of any application. Now and later.
With five sizes to choose from, our access floor modules handle a broad range of wiring needs, from single power lines to complex data and voice systems. In fact, our largest unit offers 325 cu. in. of space. And, because our modules are easy to install and relocate, you can easily change box sizes or reposition modules as office configurations change.

New, low-profile box fits right in with shallower raised floors.
For installations where shallower raised floors are needed, ABB has developed a low-profile access floor modules to provide the same accessibility and convenience where space is at a premium. Just 2½-inches deep, it can still accommodate a variety of power, voice and data connections.

Wide variety of interchangeable power and data panels adapt to changing demands.
Our extensive line of panels and connection devices maximizes the versatility of our access floor modules. All our panels are designed to be easy to connect, disconnect and rearrange to reduce on-site installation time. And ABB is continually developing new configurations to meet the requirements of virtually any installation, especially for the fast-growing needs of voice and data communication.
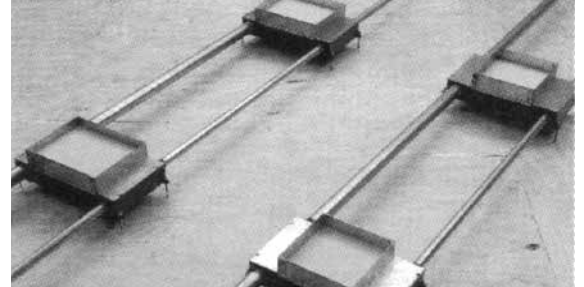
Durable, solid steel covers support heavy loads to protect important connections.
We've reinforced the resilient nylon covers of our modules with a ⁵⁄₃₂" steel plate to prevent buckling under heavy furniture and equipment. The beveled sides enable quick and unobstructed installation in the raised floor.

In addition, our retractable exit not only helps prevent tripping, but protects cable connections by sealing out dust and debris. And, as with all ABB products, our access floor modules are constructed to meet your high standards for durability, safety and reliability.

Steel City access floor modules provide outstanding performance without standing out.
The hinged service top on our modules sits flush with the floor and provides complete access to the connections within. The nylon frame comes in grey, brown, beige and black.
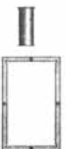
Our access floor modules keep wire connections close at hand but not under foot. The wide variety of box sizes, panels and devices provides exceptional versatility for changing office needs.

Look below the surface and see how Steel City Access floor modules can manage all your power, voice and data connections – today and tomorrow.

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AFM-2 Series access floor module

Nonmetallic covers included

AFM		Power panels	
AFM-2- BLK		**AFP-2A***	**AFP-2B**
AFM-2- GRY		Single duplex	Single duplex
AFM-2- BRN			
AFM-2- BGE			

Data panel	Accessories
AFD-2 3RJ	**AFT-2**
3 T&B Omnijacks	Power tunnel
or Keystone-style jacks	
	AFR-2**
	Mounting trim

* (1) supplied with box.
** Used to correct opening in floor. Not required for all installations.
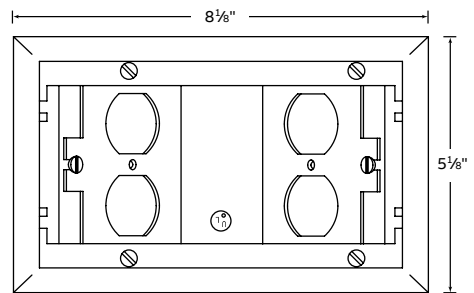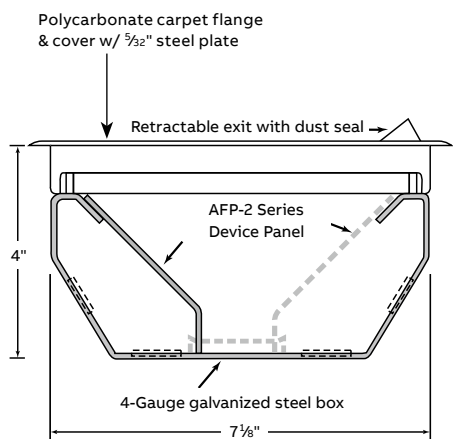
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AFM-2 Access floor module

Access floor module size	AFM-2
AFM depth	4"
Access floor cut-out	7⅛" x 4⅛"
AFM cover size	6¾" x 3⅞"
AFM cover access area	17 sq. in.
Box volume (less panels)	75 cu. in.
Device compartment volume – 45° power	16.2 cu. in.
Base opening	—

* Special panels available — consult factory.
** Devices not included.

Access floor module size	AFM-2
Power panel included**	AFP-2A
Closure panel included	—
Cover/carpet flange material	Polycarbonate
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	2

Diagrams

Polycarbonate carpet flange & cover w/ ⁵⁄₃₂" steel plate

Retractable exit with dust seal →

AFP-2 Series Device Panel

4-Gauge galvanized steel box

4"

7⅛"

8⅛"

5⅛"

AFM-2
Shown with supplied power panel and optional panel (sold separately).

—

AFM-2 Series access floor module
### Metallic covers included

—

AFM-2 Access floor module

Access floor module size	AFM-2
AFM depth	4"
Access floor cut-out	$7\frac{1}{8}$" x $4\frac{1}{8}$"
AFM cover size	$6\frac{3}{4}$" x $3\frac{7}{8}$"
AFM cover access area	17 sq. in.
Box volume (less panels)	75 cu. in.
Device compartment volume	16.2 cu. in.
Base opening	—

Access floor module size	AFM-2
Power panel included**	AFP-2A
Closure panel included	—
Cover/carpet flange material	Brass, Aluminum
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	2

* Special panels available — consult factory.
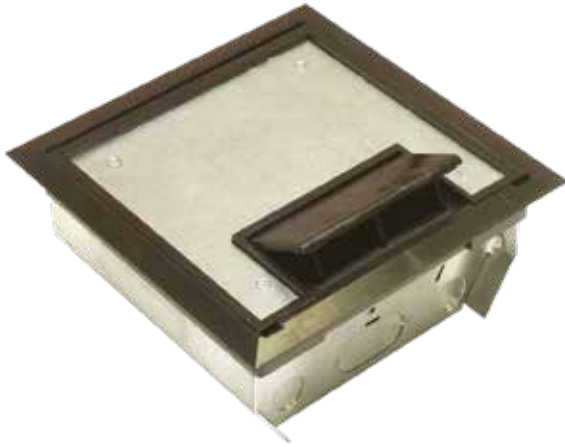** See previous page for device plates and accessories.

Diagrams

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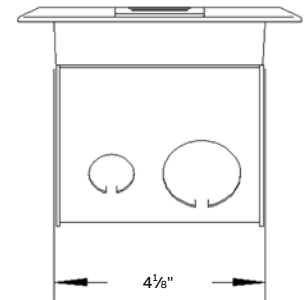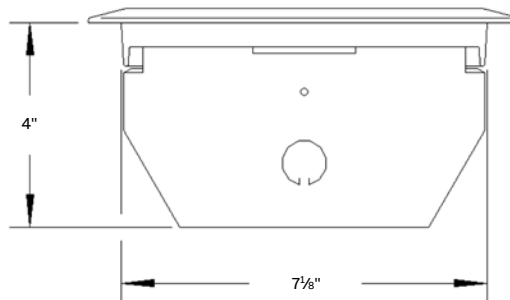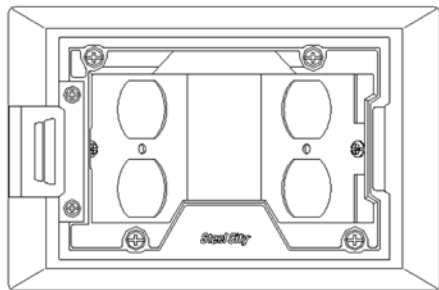
AFM-2 Series raised floor boxes

Cat. No.	Description	Std. Ctn.
AFM-2-BRS	AFM-2 raised floor box, 2 compartment, solid brass cover	1
AFM-2-ALM	AFM-2 raised floor box, 2 compartment, solid aluminum cover	1

For additional device plate options see previous page.

AFM-4 Series access floor module
Nonmetallic covers included

AFM	Power panels		
AFM-4- BLK	**AFP-4A***	**AFP-4A60**	**AFP4GFCI**
AFM-4- GRY	Single duplex - 45°	Single duplex - 60°	Single GFCI - 60°
AFM-4- BRN			
AFM-4- BGE			
	AFP-4B	**AFP-4B60**	**AFP-4-GFCI-45**
	Blank - 45°	Blank - 60°	Single GFCI - 45°

* (1) supplied with box.

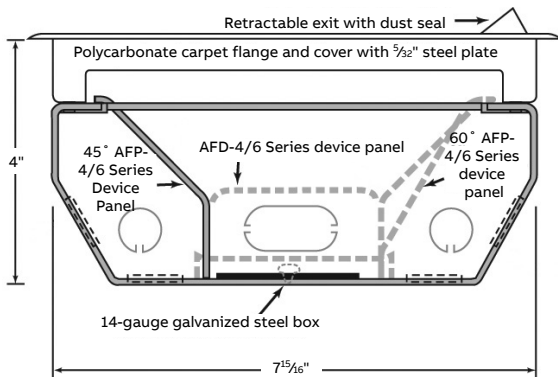| Data panels		Accessories	
AFD-4A	**AFD-4B**	**AFT-46**	**AFR-4****
Single duplex data	Blank	Power tunnel	Trim flange
AFD-4 4RJ		**AFC-N**	**AFM-4EX**
Keystone style jacks		Grommeted closure panel	Extension collar

** Used to correct opening in floor. Not required for all installations.

AFM-4 Access floor module - non metallic covers
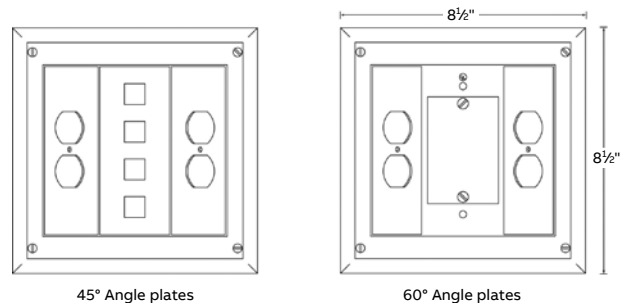
Access floor module size		AFM-4
AFM depth		4"
Access floor cut-out		7^{15}⁄$_{16}$" x 7^{15}⁄$_{16}$"
AFM cover size		7^{5}⁄$_{8}$" x 7^{5}⁄$_{8}$"
AFM cover access area		39 sq. in.
Box volume (less panels)		150 cu. in.
Device	45° power	27.3 cu. in.
Compartment	60° power	25.2 cu. in.
Volume	Center data	20.6 cu. in.

* Special panels available – consult factory.
** Devices not included.

Access floor module size	AFM-4
Base opening	2" x 2^{7}⁄$_{8}$"
Power panel included**	AFP-4A
Closure panel included	AFC-C
Cover/carpet flange material	Polycarbonate
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	3

Diagrams

45° Angle plates

Shown with aupplied power panel and optional data panel and 45° power panel (sold separately).

60° Angle plates

Shown with optional 60° panels (sold separately).

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AFM-4 Series access floor module

Metallic covers


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AFM-4 Access floor module - metallic covers

Access floor module size	AFM-4
AFM depth	4"
Access floor cut-out	7$\frac{15}{16}$" x 7$\frac{15}{16}$"
AFM cover size	7$\frac{5}{8}$" x 7$\frac{5}{8}$"
AFM cover access area	39 sq. in.
Box volume (less panels)	150 cu. in.
Device compartment volume	27.3 cu. in.
	25.2 cu. in.
	20.6 cu. in.

Access floor module size	AFM-4
Base opening	2" x 2$\frac{7}{8}$"
Power panel included**	AFP-4A
Closure panel included	AFC-C
Cover/carpet flange material	Brass, Aluminum
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	3

* Special panels available – consult factory.
** Devices not included.
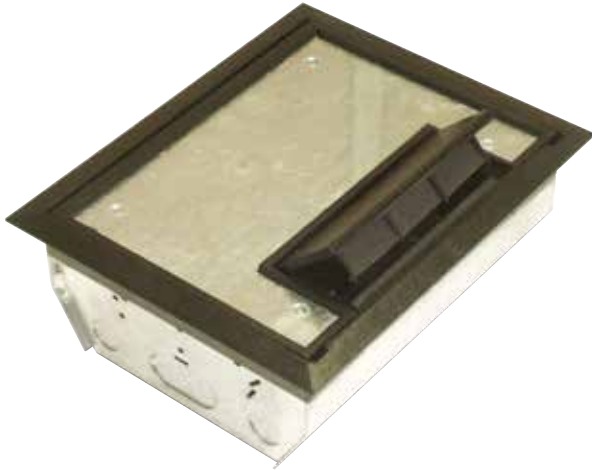See previous page for device plates and accessories.

Diagrams
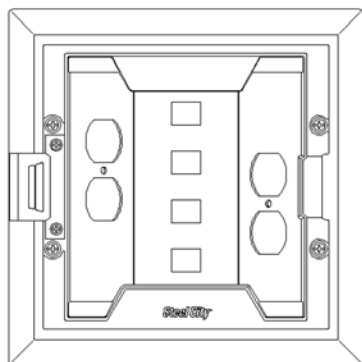
One duplex plate included

4$\frac{1}{4}$"

7$\frac{15}{16}$"

7$\frac{15}{16}$"

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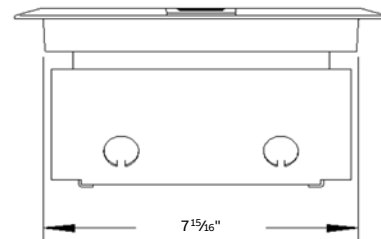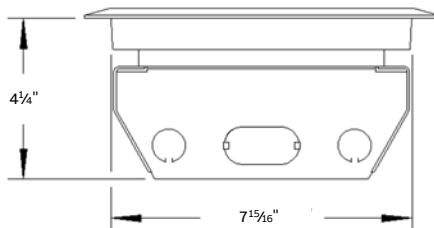
AFM-4 Series raised floor boxes

Cat. No.	Description	Std. Ctn.
AFM-4-BRS	AFM-4 raised floor box, 3 compartment, solid brass cover	1
AFM-4-ALM	AFM-4 raised floor box, 3 compartment, solid aluminum cover	1

AFM-6 Series access floor module

AFM	Power Panels		
AFM-6- BLK	**AFP-6Q***	**AFP-6B**	**AFP-6A**
AFM-6- GRY	Double duplex - 45°	Blank 45°	Single duplex - 45°
AFM-6- BRN			
AFM-6- BGE	**AFP-6B60**	**AFP-6R60**	**AFP-6-GFCI**
	Blank - 60°	Double duplex - 60°	Double GFCI - 60°
	AFP-6A60	**AFP-6-GFCI-45**	
	Single duplex - 60°	Double GFCI - 45°	

Data Panels		Accessories	
AFD-6Q	**AFD-6B**	**AFT-46**	**AFR-6****
Double duplex data	Blank	Power tunnel	Trim flange
AFD-6 6RJ	**AFD-6A**	**AFC-N**	**AFM-6EX**
T&B Omni jacks or Keystone style jacks	Single duplex	Grommeted Closure panel	Extension collar

* (1) supplied with box.
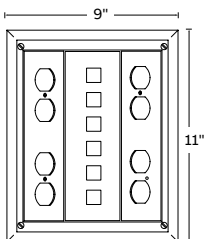** Used to correct opening in floor. Not required for all installations.

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AFM-6 Access floor module

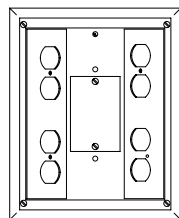| Access floor module size		AFM-6
AFM depth		4
Access floor cut-out		$7^{15}/_{16}$" x 10"
AFM cover size		$7^5/_8$" x $9^3/_4$"
AFM cover access area		60 sq. in.
Box volume (less panels)		225 cu. in.
	45° power	41.5 cu. in.
	60° power	38.3 cu. in.
Device compartment volume	Center data	31.3 cu. in.

* Special panels available – consult factory.
** Devices not included.
Replacement cover: AFM-6-CST-SW black (-BLK), brown (-BRN), beige (-BGE) or grey (-GRY) cover flange.

Access floor module size	AFM-6
Base opening	2" x $2^7/_8$"
Power panel included**	AFP-6Q
Closure panel included	AFC-C
Cover/carpet flange material	Polycarbonate
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	3

45° angle plates
shown with supplied power panel and optional
data panel and 45° power panel (sold separately).

60° angle plates
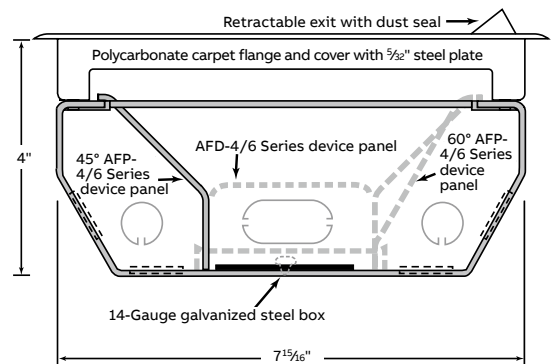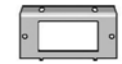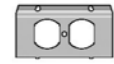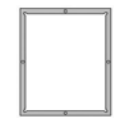shown with optional 60°
panels (sold separately).

Diagrams

Retractable exit with dust seal
Polycarbonate carpet flange and cover with $5/_{32}$" steel plate
45° AFP-4/6 Series device panel
AFD-4/6 Series device panel
60° AFP-4/6 Series device panel
14-Gauge galvanized steel box
$7^{15}/_{16}$"
4"
9"
11"

AFM-6S2 Series access floor module

AFM	Power Panels	
AFM-6S- BLK	**AFP-6S2-R (-L)***	**AFP-6S2-GR (-GL)**
AFM-6S- GRY	Single duplex	Single GFCI
AFM-6S- BRN	R-right side; L-left	
AFM-6S- BGE	side)	
	AFP-6S2-BR (-BL)	
	Blank	

Data Panels		Accessories
AFD-6S2-2RJ	**AFP-6S2-BR**	**AFR-6****
T&B Omni jacks or	Blank	Mounting flange
Keystone-style jacks		

* (1) AFP-6S2-R & (1) AFP-6S2-L supplied with box.
** Used to correct opening in floor. Not required for all installations.
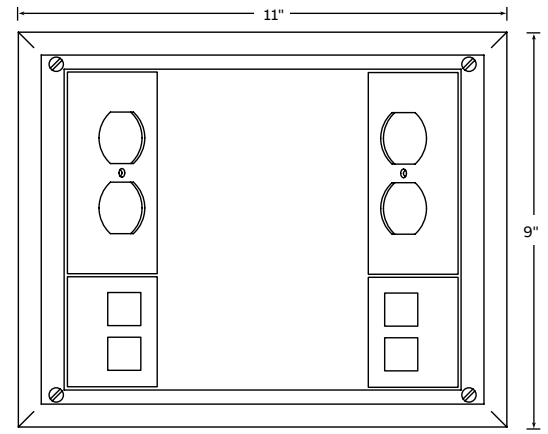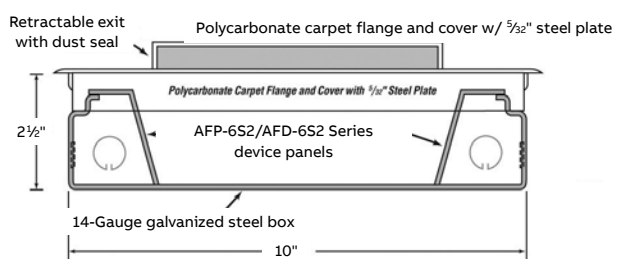
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AFM-6S2 Access floor module

Access floor module size		AFM-6S
AFM depth		$2\frac{1}{2}$"
Access floor cut-out		$7^{15}/_{16}$" x 10"
AFM cover size		$7^{5}/_{8}$" x $9^{3}/_{4}$"
AFM cover access area		60 sq. in.
Box volume (less panels)		172 cu. in.
Device compartment volume	Power	13.1 cu. in.
	Data	6.6 cu. in.

* Special panels available – consult factory.
** Devices not included.
**Replacement cover: AFM-6-CST-SW black (-BLK), brown
(-BRN), beige (-BGE) or grey (-GRY) cover flange.**

Access floor module size	AFM-6S
Base opening	—
Power panel included**	AFP-6S2-L, AFP-6S2-R
Wire tunnel included	—
Cover/carpet flange material	Polycarbonate
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	4

Diagrams

Retractable exit with dust seal

Polycarbonate carpet flange and cover w/ $^{5}/_{32}$" steel plate

Polycarbonate Carpet Flange and Cover with $^{5}/_{32}$" Steel Plate

$2\frac{1}{2}$"

AFP-6S2/AFD-6S2 Series device panels

14-Gauge galvanized steel box

10"
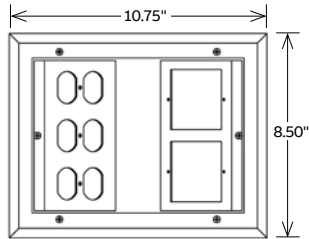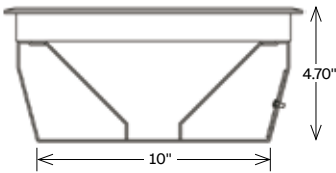

AFM-6S2
Shown with supplied power panels and optional data panels
(sold separately).

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AFM-6V Series access floor module
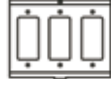

AFM	Power panels	
AFM-6V- BLK	**AFP-6V-3D•***	**AFP-6V-3G***
AFM-6V- GRY	Three duplex	Three GFCI
AFM-6V- BRN		
AFM-6V- BGE		

Data Panels	Accessories
AFD-6V-2F*	**AFR-6****
Two single gang data face plates	Mounting flange

* Not CSA Certified.
• (1) AFP-6V-3D and (1) AFD-6V-2F supplied with box
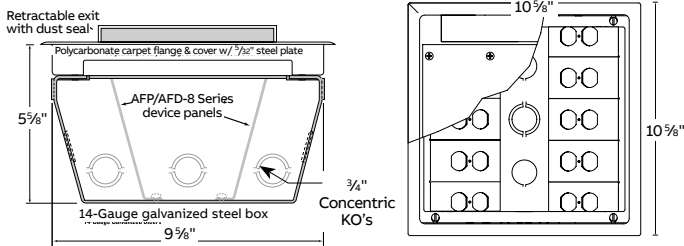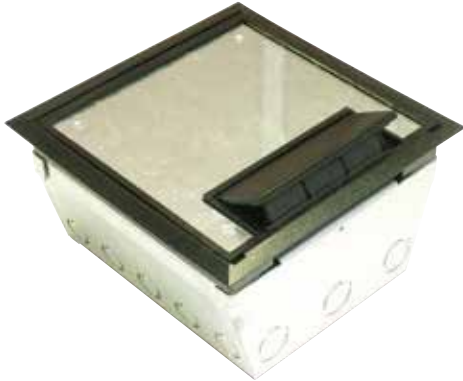** Used to correct opening in floor. Not required for all installations.

Diagrams

4.70"

10"

10.75"

8.50"

AFM-6
Shown with supplied power panels and optional panels
(sold separately)

—

AFM-6V Access floor module

Access floor module size		AFM-6V
AFM depth		4.70 in.
Access floor cut-out		$7^{15}/_{16}$" x 10"
AFM cover size		$7^{5}/_{8}$" x $9^{3}/_{4}$"
AFM cover access area		60 sq. in.
Box volume (less panels)		201 cu. in.
Device compartment volume	45° power	—
	60° power	—
	Center Data	—
	Power	51 cu. in.
	Data	51 cu. in.

Devices not included. Cover flange available in Black, Grey, Brown or Beige.
**Replacement cover: AFM-6-CST-SW black (-BLK), brown
(-BRN), beige (-BGE) or grey (-GRY) cover flange.**

Access floor module size	AFM-6V
Base opening	1.72 in. x 5.28 in.
Data panel included	AFD-6V-2F
Power panel included	AFP-6V-3D
Closure panel included	Yes
Cover/carpet flange material	Nylon-6
Body Material	14 gauge galvanized steel
Max. no. of device panels	2

AFM-8 Series access floor module

Retractable exit with dust seal

Polycarbonate carpet flange & cover w/ $^5/_{32}$" steel plate

AFP/AFD-8 Series device panels

5$^5/_8$"

14-Gauge galvanized steel box

9$^5/_8$"

$^3/_4$" Concentric KO's

10$^5/_8$"

10$^5/_8$"

AFM-8
Shown with optional power panels (sold separately). Accepts 10 device panels. Each compartment can accept voltage dividers for any combination of power and data (included with device panels).

AFM	**Power panels**	
AFM-8- BLK	**AFP-8A***	**AFP-8G***
AFM-8- GRY	Single duplex	Single GFCI
AFM-8- BRN		
AFM-8- BGE		
	AFP-8B	
	Blank	

Data Panels	**Accessories**
AFD-8-3RJ	**AFR-8****
Keystone	Mounting flange

* Power panels include a voltage partition for use between power and data panels.
** Used to correct opening in floor. Not required for all installations.

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AFM-8 Access floor module

Access floor module size		AFM-8
AFM depth		5$^5/_8$"
Access floor cut-out		9$^5/_8$" x 9$^5/_8$"
AFM cover size		9$^3/_8$" x 9$^3/_8$"
AFM cover access area		74 sq. in.
Box volume (less panels)		325 cu. in.
Device compartment volume	45° power	
	60° power	
	Power or data	15.75 cu. in.

* Special panels available – consult factory.
Replacement covers: see 667 Series covers on page C60

Access floor module size	AFM-8
Base opening	—
Power panel included	—
Closure panel included	—
Cover/carpet flange material	Polycarbonate
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	10