

FiberManager™ System Frame and Components

CORNING

Frame

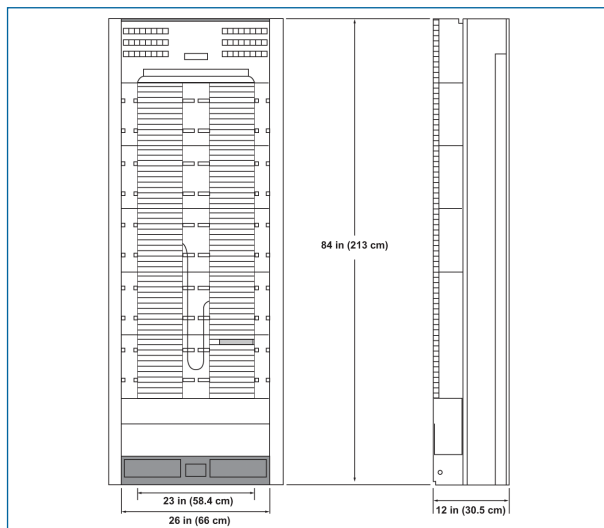
The FiberManager™ System Frame is a 23-in (58.42 cm), Zone 4 earthquake-rated assembly. Standard anchor bolts are included. At the top of the frame is a ground bar which may be secured to a central ground point within the building as per local practices. Knockout holes are provided in the base of the frame for installing electrical outlets as required.

Cable Panel Assembly

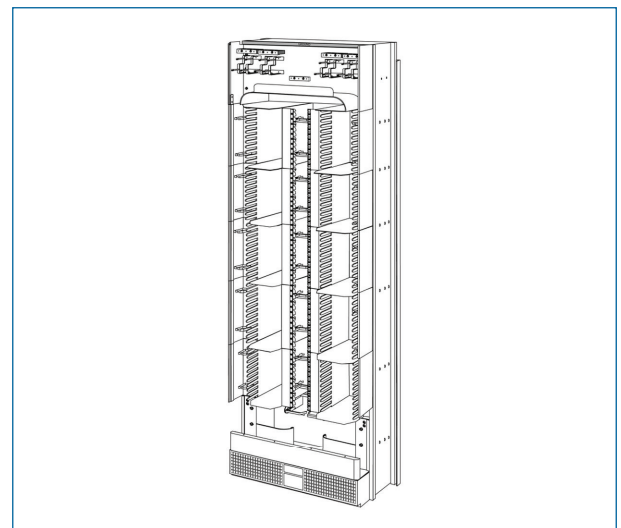
The cable panel assembly is located at the top of the frame. Up to six cable clamp assemblies can be mounted on the left and right sides of the cable panel. Cables are mounted on the cable panel using cable grips in the cable clamp assembly. Each clamp assembly can hold up to three cable grips. A variety of grip sizes are available to accommodate all common cable sizes.

The interconnect cable panel assembly differs from the cross-connect assembly in that it permits the routing of patch cords up through the center of the panel for connecting to equipment. Supplied with this assembly is a fiber routing guide for installation on the top shelf of the frame and partition rods for the lower termination shelves.

Space is provided on both cable panels for attaching bond bars. These bars are used for bonding together any metallic armor of outside plant cables that are directly terminated on the frame. The bond bar is then attached to the frame's ground bar or other suitable grounding point.



Frame Dimensions
| Drawing ZA-910



Cross-Connect Frame Assembly
| Drawing ZA-1501

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Fiber Termination Shelf

Up to five termination shelves can be installed per frame. Each shelf houses up to 24-fiber termination modules. Twelve modules mount on the left side of the shelf and 12 on the right side of the shelf. Each shelf is equipped with guides for routing cables and patch cords.

Fiber Transition Shelf

The fiber transition shelf is the horizontal patch cord trough that is mounted at the bottom of the frame. The

shelf provides space for storing slack from both inter-bay and intrabay patch cords. The ends of the trough are open and form a continuous channel between frames in a multi-frame lineup.

Frame Anchor Bolt Kit

The FiberManager™ System frame is secured to the floor with anchor bolts. A standard anchor bolt kit is supplied with every frame. An optional earthquake anchor bolt kit is also available. Four earthquake bolt kits are required per

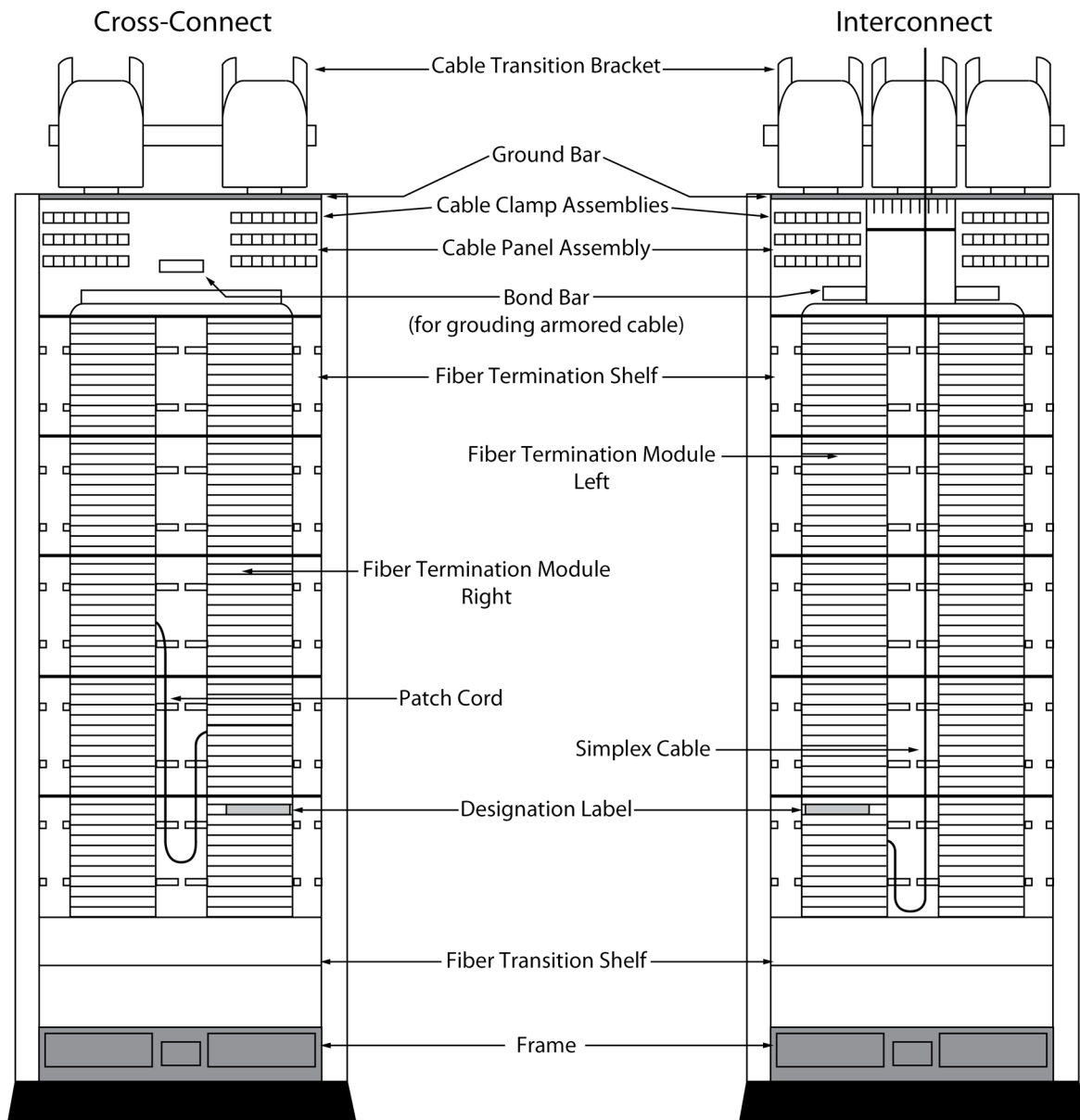
Specifications

	Dimensions (HxWxD)
FiberManager System Frame	213 cm x 66 cm x 30.5 cm (84 in x 26 in x 12 in)
Cross-Connect Cable Panel Assembly	29.39 cm x 65.68 cm x 10.30 cm (11.58 in x 25.88 in x 4.06 in)
Interconnect Cable Panel Assembly	29.39 cm x 65.68 cm x 30.28 cm (11.58 in x 25.88 in x 11.92 in)
Fiber Termination Shelf	28.57 cm x 65.74 cm x 29.21 cm (11.25 in x 25.88 in x 11.50 in)
Fiber Transition Shelf	27.48 cm x 65.68 cm x 30.28 cm (10.82 in x 25.88 in x 11.92 in)

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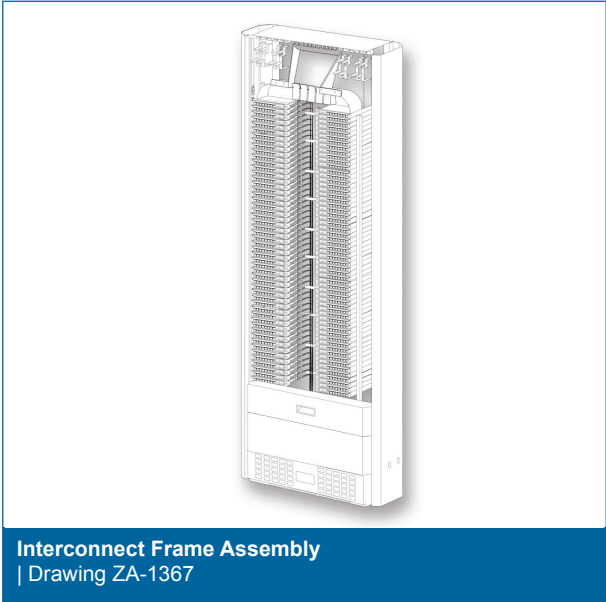
Ordering Process

FiberManager™ System Frame Hardware Assembly Options

- Option 1 Select between two standard frame assembly kits.
- Option 2 Select from a list of customized assembly kits.
- Option 3 Select the components that are required and build your own frame assembly kit.

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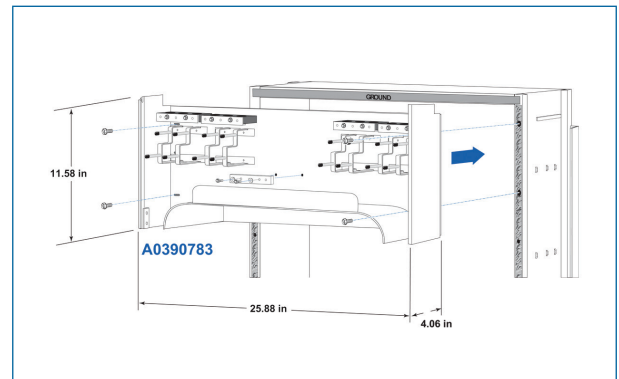


Ordering Information

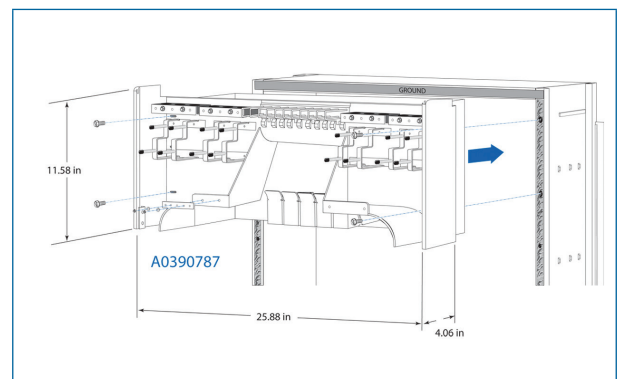
1. Standard Frame Assembly Kits		
Part Number	Description	Units per Delivery
A0390792	Interconnect 23-in (58.4 cm) Frame Assembly; 7-ft (2.13 m) frame equipped with standard floor mounting hardware, five termination shelves, one interconnect cable panel assembly, one fiber transition shelf	1/1
A0390791	Cross-Connect 23-in (58.4 cm) Frame Assembly; 7-ft (2.13 m) frame equipped with standard floor mounting hardware, five termination shelves, one cross-connect cable panel assembly, one fiber transition shelf	1/1

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Cross-Connect Cable Panel Assembly
| Drawing ZA-915



Interconnect Cable Panel Assembly
| Drawing ZA-924

Ordering Information

2. Customized Frame Assembly Kits

Part Number	Description	Units per Delivery
X9905171	Interconnect 23-in (58.4 cm) Frame Assembly; 7-ft (2.13 m) frame with floor mounting hardware: equipped with two termination shelves, one interconnect cable panel assembly, one fiber transition shelf	1/1
A0395041	Cross-Connect 23-in (58.4 cm) Frame Assembly with cable routing components; 7-ft (2.13 m) frame with floor mounting hardware: equipped with five termination shelves, one cross-connect cable panel assembly, one fiber transition shelf, 12 cable clamps, two 8-in (20.32 cm) cable transition brackets, frame panel kit	1/1

FiberManager™ System Frame and Components

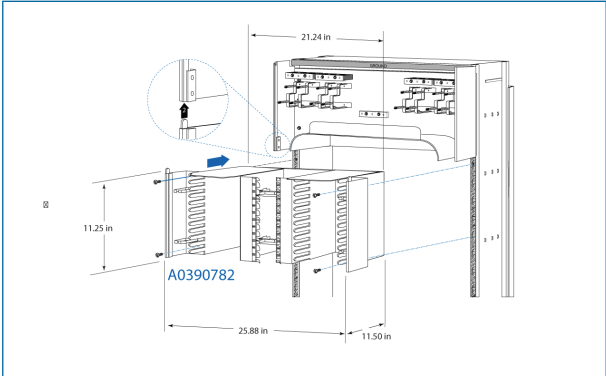
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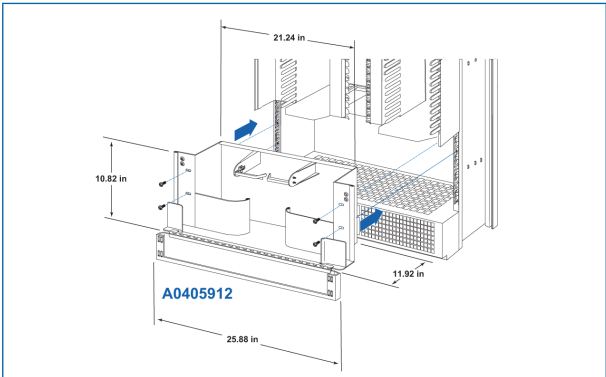
2. Customized Frame Assembly Kits		
Part Number	Description	Units per Delivery
A0395042	Cross-Connect 23-in (58.4 cm) Frame Assembly with 1-ft frame extension; 7-ft (2.13 m) frame with floor mounting hardware and 1-ft (0.31 m) frame extension: equipped with five termination shelves, one cross-connect cable panel assembly, one fiber transition shelf, 12 cable clamps, two 8-in (20.32 cm) cable transition brackets, frame panel kit, 1-ft frame extender, one strain-relief bar	1/1
A0395043	Cross-Connect 23-in (58.4 cm) Frame Assembly with 2-ft frame extension; 7-ft (2.13 m) frame with floor mounting hardware and 2-ft (0.61 m) frame extension: equipped with five termination shelves, one cross-connect cable panel assembly, one fiber transition shelf, 12 cable clamps, two 8-in (20.32 cm) cable transition brackets, frame panel kit, one strain-relief bar	1/1
A0395044	Cross-Connect 23-in (58.4 cm) Frame Assembly with 4.5-ft frame extension; 7-ft (2.13 m) frame with floor mounting hardware and 4.5-ft (1.37 m) frame extension: equipped with five termination shelves, one cross-connect cable panel assembly, one fiber transition shelf, 12 cable clamps, two 8-in (20.32 cm) cable transition brackets, frame panel kit, one strain-relief bar	1/1

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Fiber Termination Shelf
| Drawing ZA-934



Fiber Transition Shelf
| Drawing ZA-937

Ordering Information

3. Frame Assembly Components		
Part Number	Description	Units per Delivery
A0364959	23-in (58.4 cm) Unequipped Frame; 7-ft (2.13 m) frame with standard floor mounting hardware	1/1
A0370984	Earthquake Anchor Bolt Kit; Zone 4 earthquake rated	1/1

Note: Standard anchors come with the frame assembly kits. To achieve a Zone 4 earthquake rating, four A0370984 anchor bolt kits must be installed.



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Cable Panel Assemblies (maximum 1 per frame)

Part Number	Description	Units per Delivery
A0390787	Interconnect Cable Panel Assembly ; includes four cable clamps, one cable grip #2, one cable grip #4 and one cable grip #6	1/1
A0390783	Cross-Connect Cable Panel Assembly ; includes four cable clamps, one cable grip #2, one cable grip #4 and one cable grip #6	1/1
A0395321	Cross-Connect Cable Panel Assembly ; includes four cable clamps, one cable grip #2, one cable grip #4 and one cable grip #6	1/1

Fiber Termination Shelves (maximum five per frame)

Part Number	Description	Units per Delivery
A0390782	Fiber Termination Shelf	1/1

Fiber Transition Shelves (maximum one per frame)

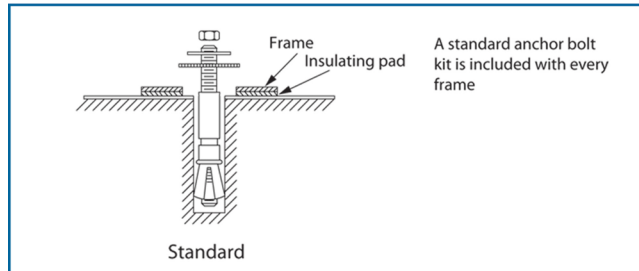
Part Number	Description	Units per Delivery
A0405912	Fiber Transition Shelf	1/1

Note: The cable panel assembly, the fiber termination shelf and the fiber transition shelf are included in the frame assembly kits.

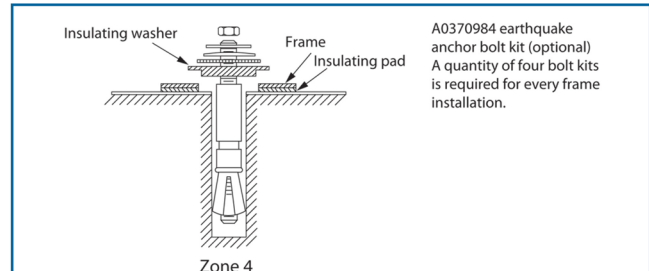
FiberManager™ System Frame and Components

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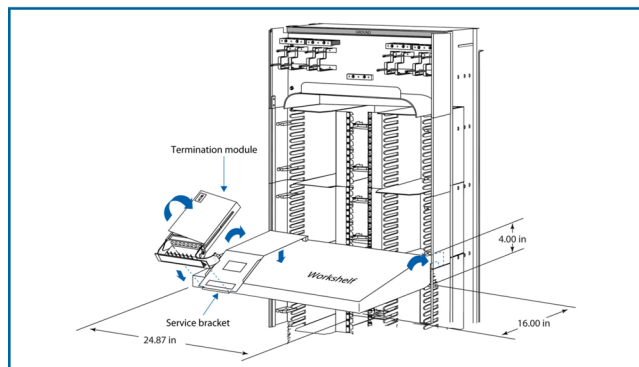
Frame Accessories



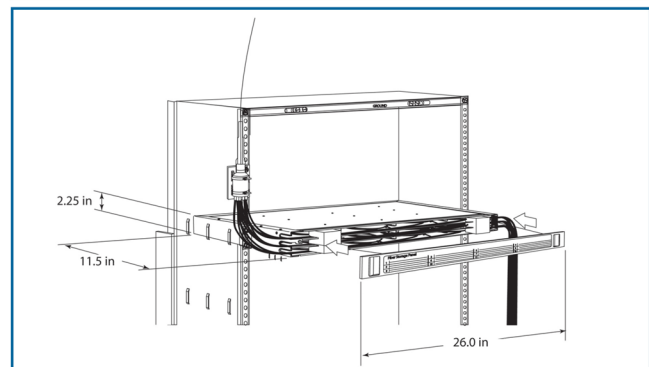
Frame Anchor Bolt | Drawing ZA-1666



Frame Anchor Bolt | Drawing ZA-1666



Workshelf and Service Bracket | Drawing ZA-940



Fiber Storage Panels | Drawing ZA-932

Ordering Information

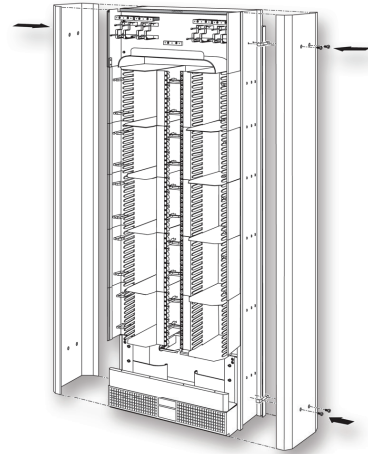
Frame Accessories			
Part Number	Description	Dimensions (HxWxD)	Units per Delivery
P0729932	Workshelf ; provides a practical work area during installation or maintenance; allows adequate space for splicing equipment; attaches to slots in shelves; adjustable height levels	10.15 cm x 63.12 cm x 40.60 cm (4 in x 24.87 in x 16 in)	1/1
P0707979	Service Bracket ; holds the fiber termination module in a secure position while being accessed	3.0 cm x 6.0 cm x 12.0 cm (7.6 in x 15.2 in x 30.5 in)	1/1
A040818	Fiber Storage Panel ; designed to store excess fiber optic patch cords at the equipment bay; has the capacity to accommodate 12 3-mm patch cords of up to 8 m each and fits within 1.5 spaces of a standard 23-in equipment rack	5.71 cm x 65.98 cm x 29.18 cm (2.25 in x 26 in x 11.5 in)	1/1

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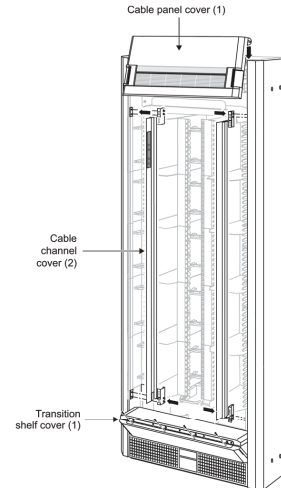
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Frame Extenders

If the overhead cable racking system is higher than 8 ft (2.44 cm), frame extenders can be mounted and secured to the top of the frame. Frame extenders provide additional protection for cables running from the top of the frame to the cable rack. They do not provide additional fiber termination or storage space. All frame extenders are 26 in (65.98 cm) wide and 6.25 in (15.86 cm) deep.



Frame End Guards
| Drawing ZA-922



Frame Panel Kit
| Drawing ZA-928

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The CORNING logo is displayed in white, uppercase letters within a solid blue square.

Ordering Information

FiberManager™ System Frame Extenders

Part Number	Description	Units per Delivery
A0364965	Frame Extender, 1 ft (0.31 m)	1/1
A0364966	Frame Extender, 2 ft (0.61 m)	1/1
A0364967	Frame Extender, 4.5 ft (1.37 m)	1/1

Note: The 4.5-ft (1.37 m) frame extender comes with horizontal tie bars for securing cables.

Frame End Guards*

Part Number	Description	Units per Delivery
A0364968	Frame End Guard, 7 ft (2.13 m), kit containing one end guard for either side of the frame	1/1

Note: Only two end guards are required per frame line-up.

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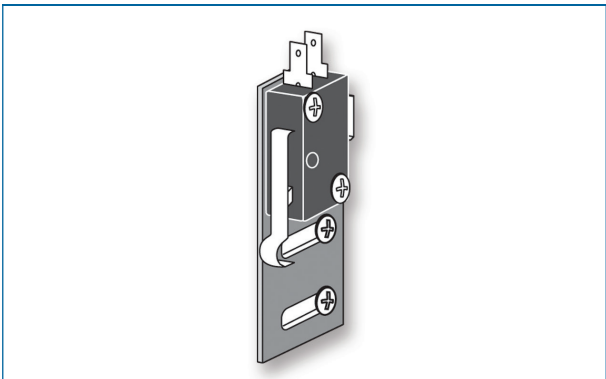


Frame Panel and Door Kits

The front of the frame can be covered with either a panel kit or a door kit. Both items are optional and only one can be installed on a single frame. Both options are intended to be used on 7-ft (2.13 m) frames only.



Frame Door Kit
| Drawing ZA-919



Frame Door Alarm Kit
| Drawing ZA-918

Ordering Information

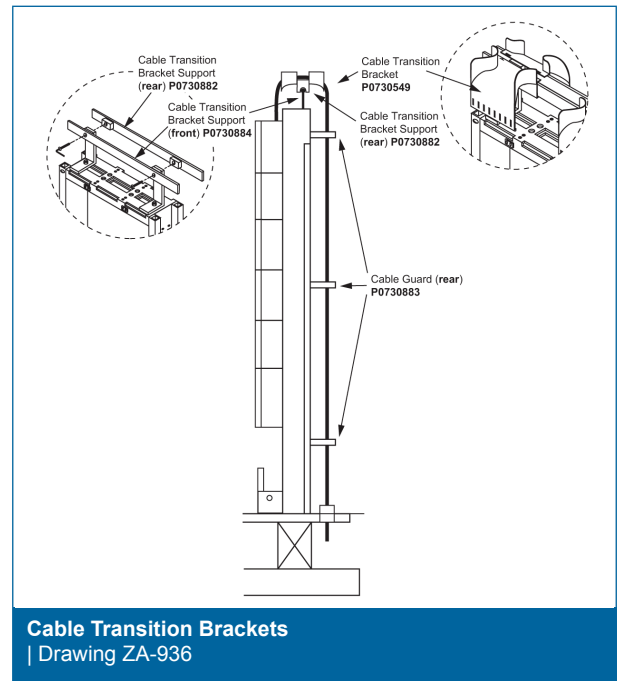
Frame Panel and Door Kits		
Part Number	Description	Units per Delivery
A0620189	Frame Panel Kit consists of one cable panel assembly cover, one transition shelf cover and one left and one right cable channel cover	1/1
A0402582	Frame Door Kit consists of one door and one transition shelf cover	1/1
A0405154	Frame Door Alarm Kit	1/1



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Cable Transition Brackets



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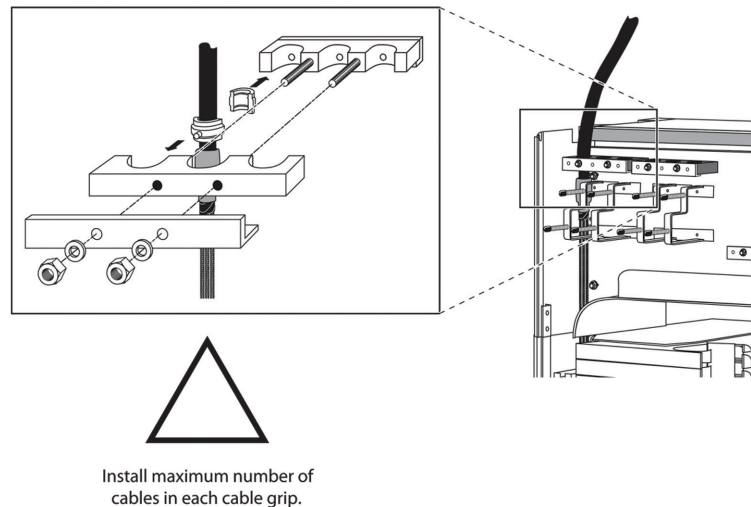
Cable Entry From Above, Front		
Part Number	Description	Units per Delivery
P0730549	8-in (20.32 cm) Cable Transition Bracket; two required for cross-connect; three required for interconnect	1/1
P0730884	Front Bracket Support for Cable Transition Panels; one required if mounting cable transition brackets directly to frame	1/1
P0730882	Rear Bracket Support for Cable Transition Panels; one required	1/1
P0730883	Cable Guard (attaches to frame rear); recommend six per frame; three per side	1/1
Part Number	Dimensions (HxWxD)	
Cable Transition Brackets	9.25 in x 8.0 in x 4.0 in (23.47 cm x 20.30 cm x 10.15 cm)	

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Cable Clamp Assembly Hardware



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Part Number	Description	Units per Delivery
A0375902	Cable Clamp Assembly, 0.875 in (20.2 mm)/opening three openings per clamp	1/1
A0388952	Cable Grip #1, 0.32-in (8 mm) diameter	1/1
A0388954	Cable Grip #2, 0.40-in (10.5 mm) diameter	1/1
A0388955	Cable Grip #3, 0.50-in (13 mm) diameter	1/1
A0388956	Cable Grip #4, 0.63-in (16 mm) diameter	1/1
A0388957	Cable Grip #5, 0.70-in (17.5 mm) diameter	1/1
A0388958	Cable Grip #6, 0.80-in (20.5 mm) diameter	1/1
A0388959	Cable Bonding Kit for grounding armored cable	1/1

Note: Each cable grip package contains six half (moon) grips, enough for three cables. Cable grips can accommodate several smaller-sized cables per opening.

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