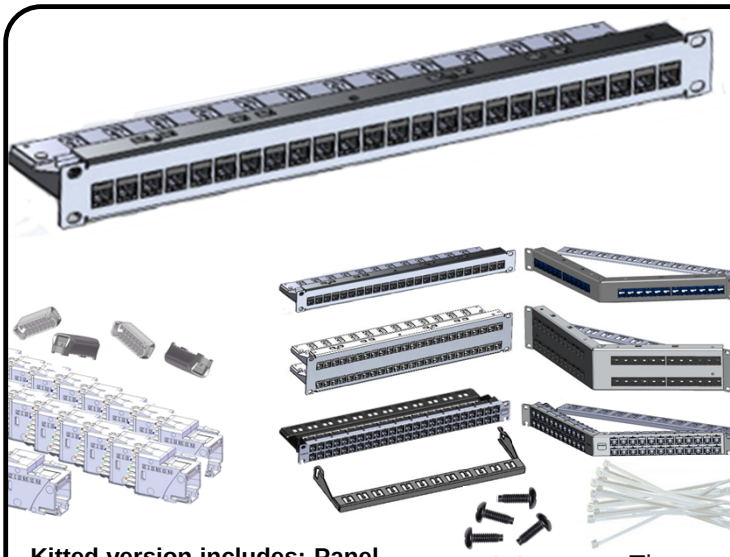
UltraMAX Patch Panel Instructions



Kitted version includes; Panel outlets and Term. Caps.

12-24 screws

Tie wraps

Flush Cutters

Small Flat Screwdriver

Phillips Screwdriver

Jacket Stripper

110 style punch tool

Marker pen

UltraMAX Outlet and alternate tool instructions

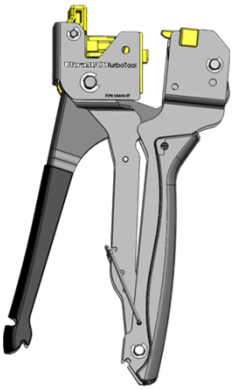
Tools

UltraMAX insert p/n: **PG2-U**

UltraMAX 4-Pair impact tool p/n: **UMAX-PD**

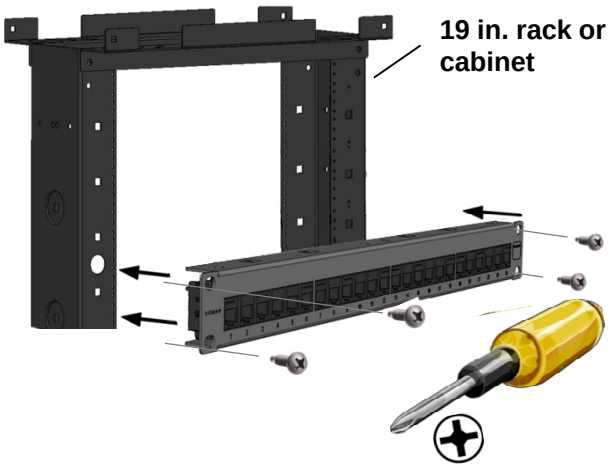
⚠ 4-pair tool is not compatible with 1U version 48-port panel.

Palm Guard with UltraMAX insert p/n: **PG2**



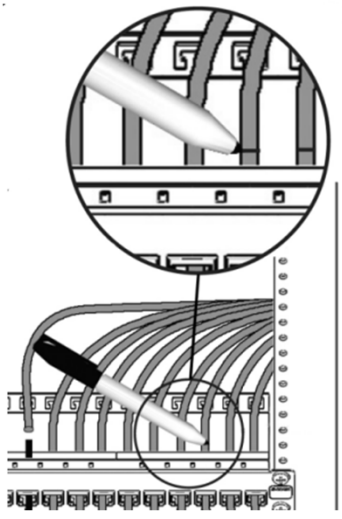
UltraMax Turbo-Tool p/n: **UMAX-TT** (Unloaded panels only)

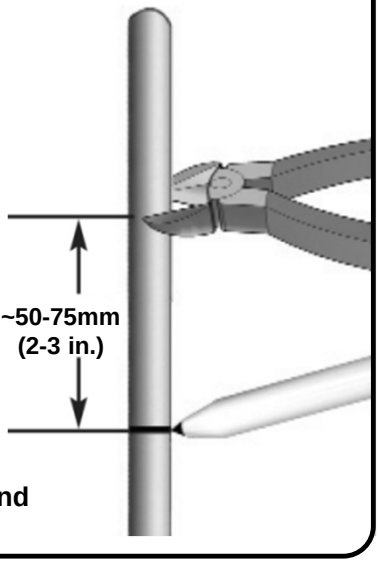
Tools **(Additional tool options)**



19 in. rack or cabinet

1

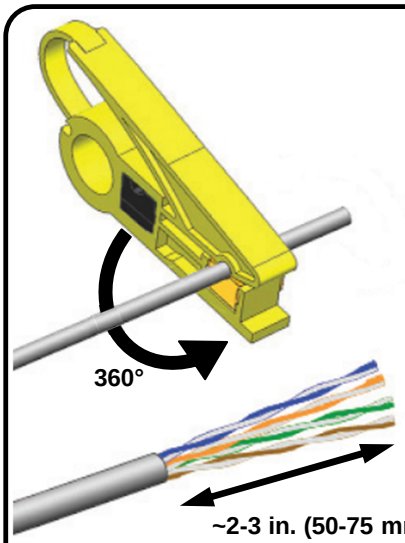




~50-75mm (2-3 in.)

Measure & Mark cable cut and strip lengths

2



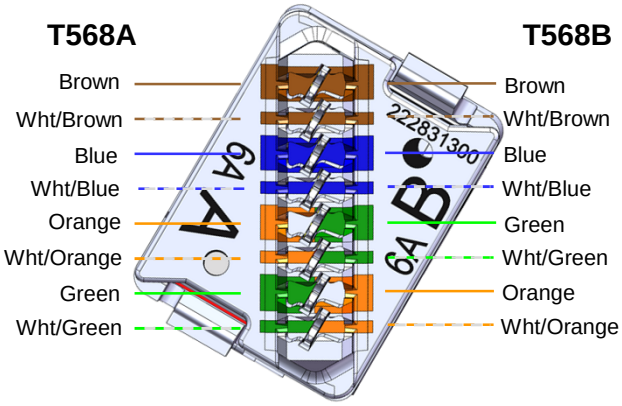
360°

~2-3 in. (50-75 mm)

3

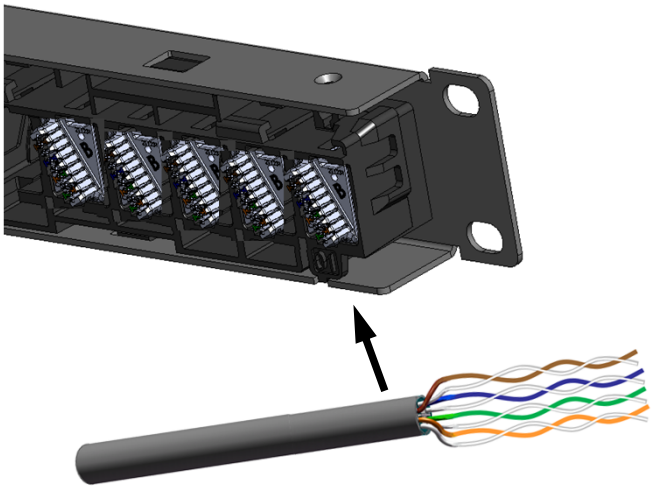
UltraMAX Patch Panel Instructions

Wire scheme color mapping



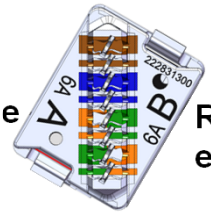
(Category 6A shown for example)

4



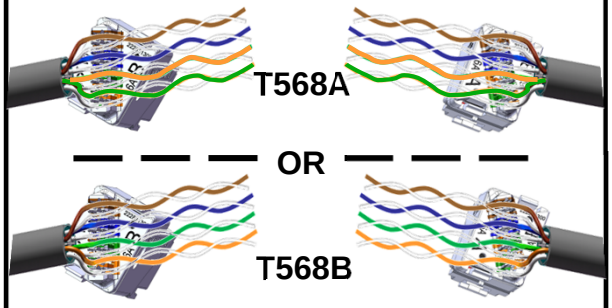
5 **Pre-loaded Panels**

Installers preference



Left side entry

Right side entry

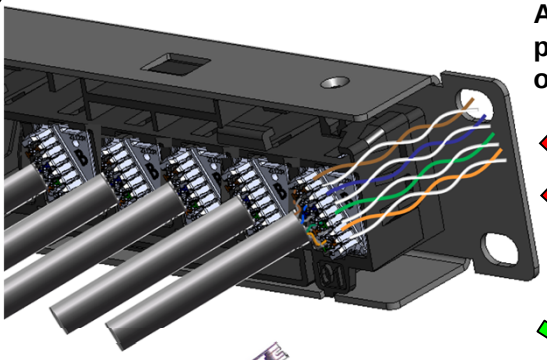


T568A

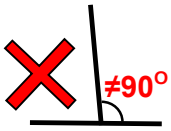
OR

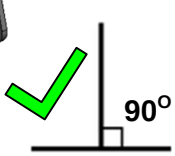
T568B

6



Align tools properly and perpendicular to prevent outlet damage





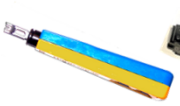
OR*

Reference UltraMAX 4-pair impact tool instructions >>

4-pair impact tool is not compatible with 1U version of 48-port panel.

7A

Tool Compatibility



110 impact

4-pair impact

UMAX Turbo Tool

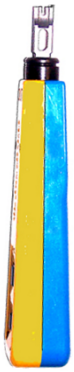
1U 24-port	✓	✓	✓
2U 48-port	✓	✓	✓
1U 48-port	✓	✗*	✓

4-pair impact tool is not compatible with 1U version of 48-port panel (the high impact force will cause minor deformation of the panel. Additionally, the 4-pair tool head clearance on end ports of the 1U 48-port flat panel is insufficient).

7B

UltraMAX Patch Panel Instructions

Alternate termination options (unloaded panels only)

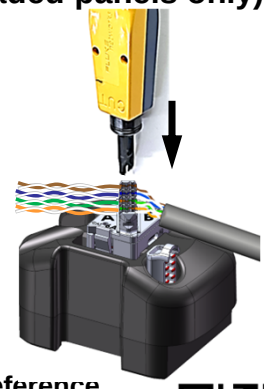


S814-110

PG2-U

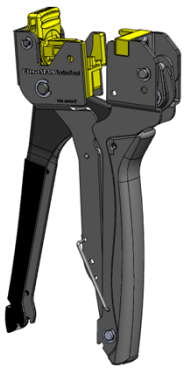
OR

PG2



Reference UltraMAX outlet termination instructions >>

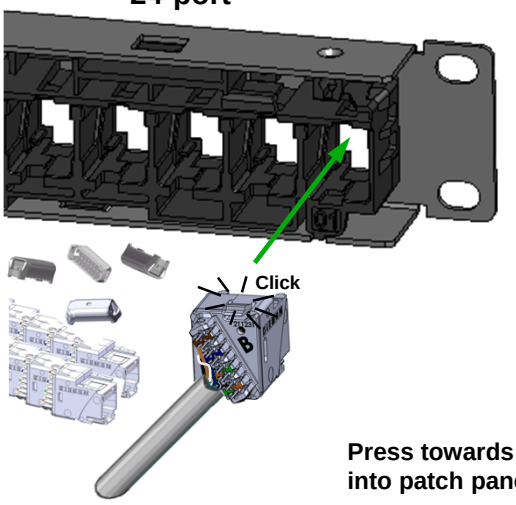
UltraMax Turbo-Tool p/n: **UMAX-TT**



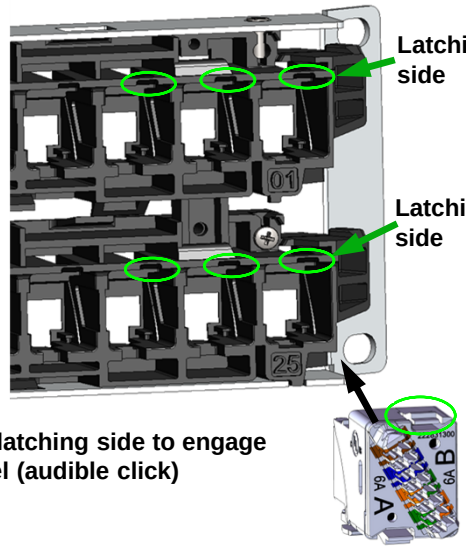
Reference UltraMAX Turbo Tool termination instructions >>

8a Unloaded Panels Only

24-port

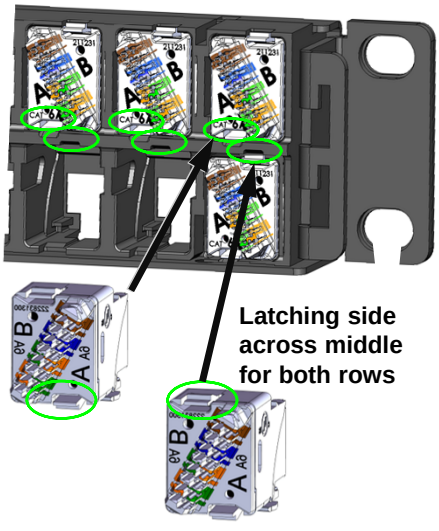


48-port, 2U version



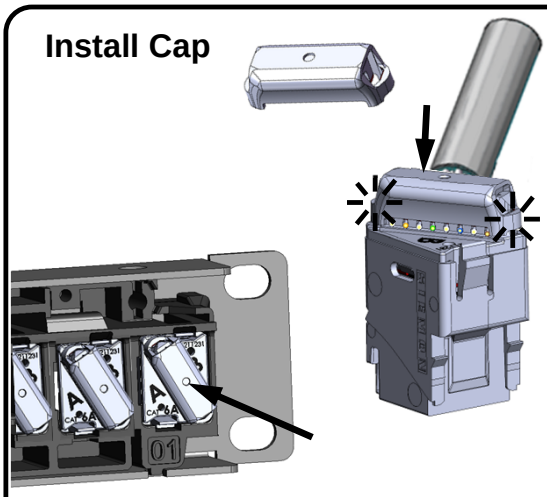
Press towards latching side to engage into patch panel (audible click)

48-port, 1U version



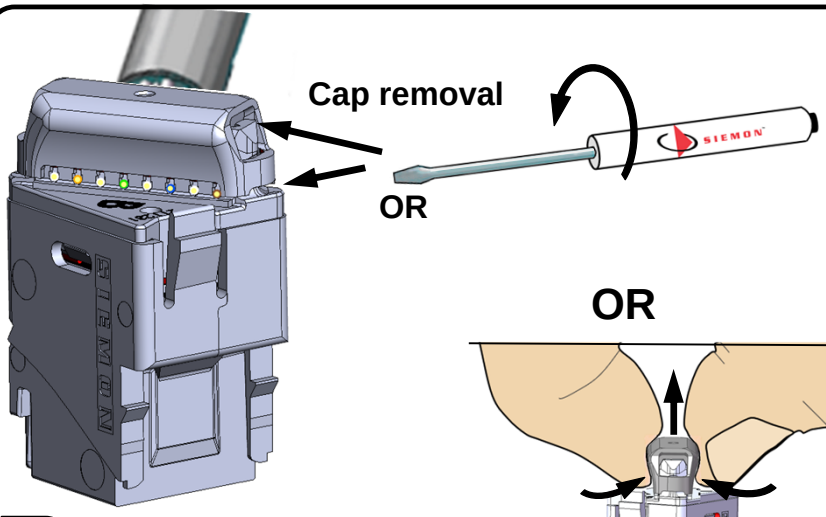
8b Unloaded Panels Only

Install Cap



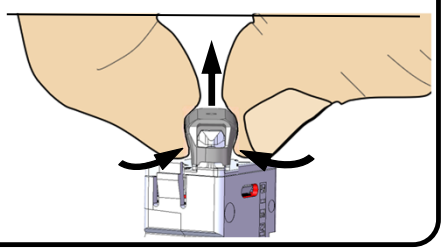
9 Termination Cap

Cap removal



OR

OR

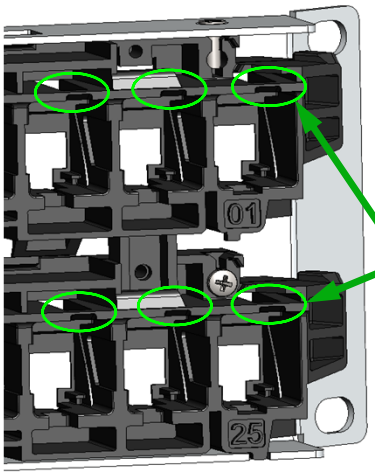


10

UltraMAX Patch Panel Instructions

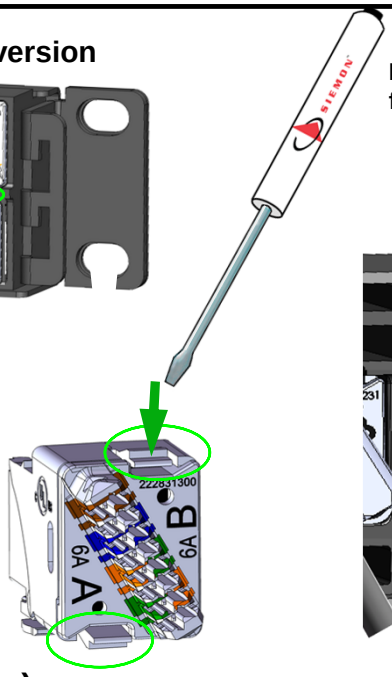
48-port, 2U version

48-port, 1U version



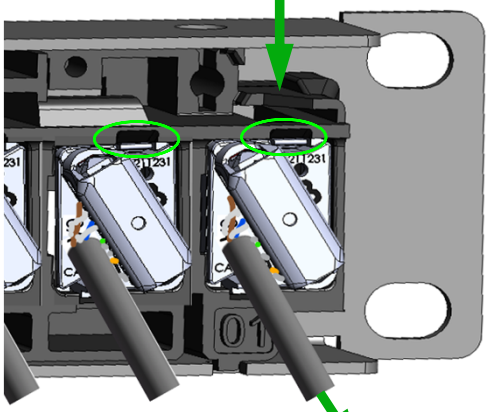
Panel
Latching side

Latching side (top only on
24-port 1U & 48-port 2U)



Flat screwdriver
for removal

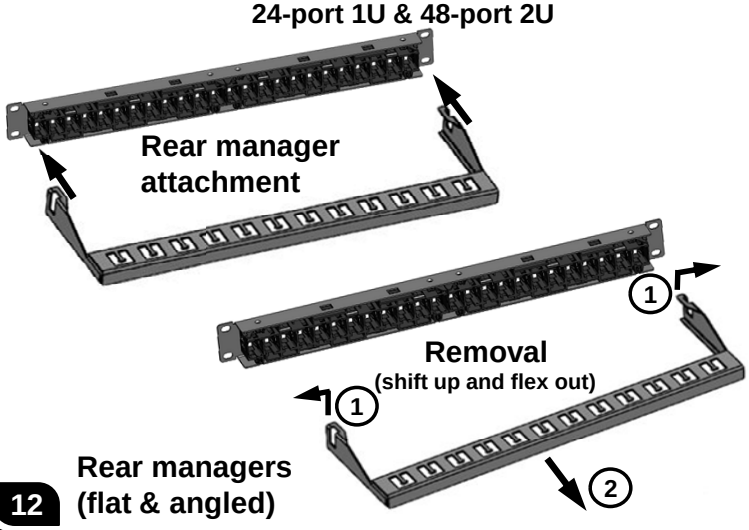
1 Depress
Latching
side



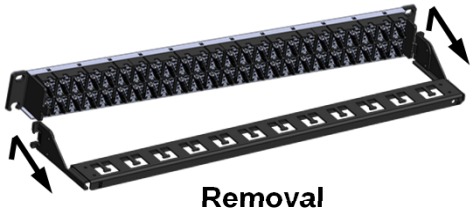
Pull 2

11 Outlet removal (only 1 latch engages)

24-port 1U & 48-port 2U

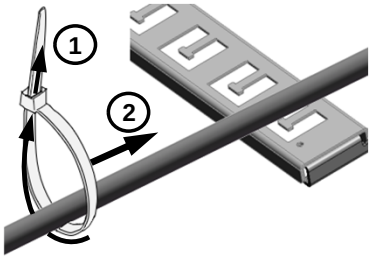


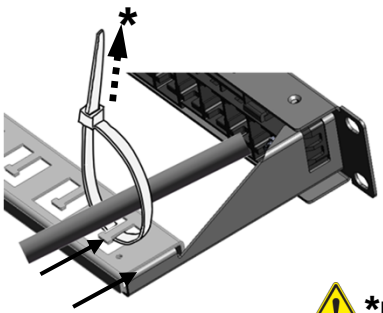
48-port 1U only



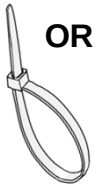
Removal
(shift up and pull off)

12 Rear managers
(flat & angled)





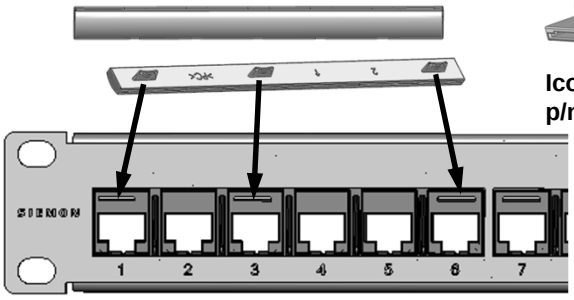
OR

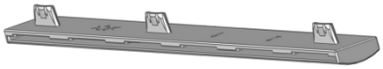


*Do not over tighten

13 Rear managers (flat & angled)

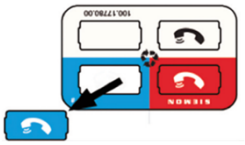
UltraMAX Patch Panel Instructions



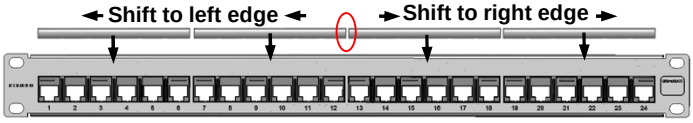


Icon/label holder (6-port wide with keyed slots)
p/n: Z-PNL-PS

Optional ICON's
p/n: Z-ICON-(XX)B

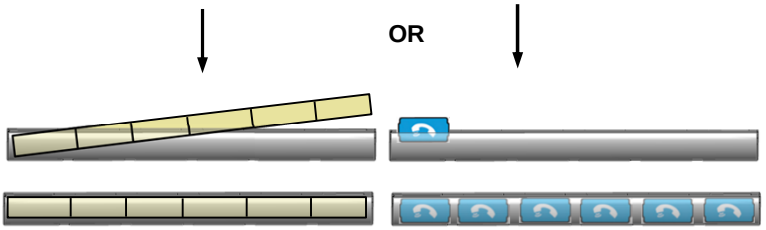


Paper label – perforated sheet option
p/n: Z-PNL-PL(XX)



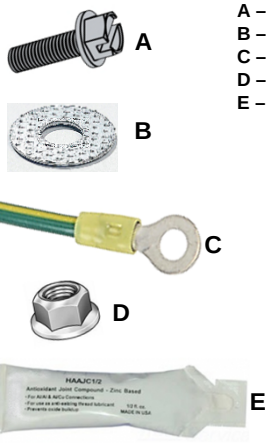
Tip: Install center holders 1st and shift to prevent overlap

OR

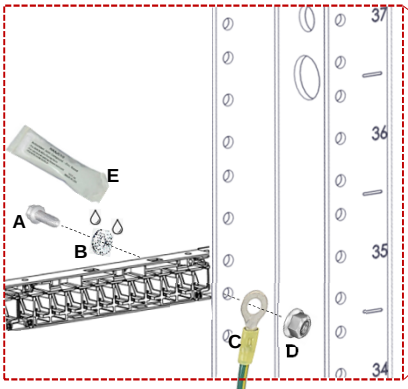


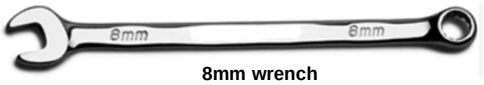
14 Label holder & accessories (not included)

Optional Panel Bonding Hardware
kit (not included) p/n: PNL-GNDK



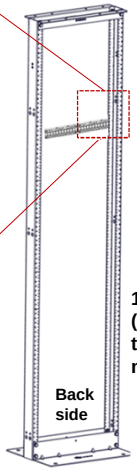
A – (1) 12/24 Hex Head Bolt (8mm)
B – (1) Dragon Tooth Washer
C – (1) #10 AWG Wire
D – (1) 12/24 Hex Nut (11mm)
E – (1) Antioxidant Joint Compound





8mm wrench
(Torque to 20in/lbs)

To Rack mounted ground bar



19 in. Rack or Cabinet (compatible with both tapped rails and cage nut rails)

15 Panel Bonding (may be required in some regions).

To assist safe installations, comply with the following:
A. Use caution when installing or modifying telecommunications circuits.
B. Never touch uninsulated wire terminals unless the circuit has been disconnected.
C. Never install this device in a wet location.
D. Never install wiring during a lightning storm.

Lors de l'installation, respectez les consignes de sécurité suivantes:
A. Utiliser avec prudence lors de l'installation ou de la modification circuits de télécommunications.
B. Ne jamais toucher les bornes de fil métallique non isolés sauf si le circuit a été débranché.
C. Ne jamais installer cet appareil dans un endroit humide.
D. Ne jamais installer pendant un orage.

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