Single Mounting Plate — Ø35
Drywall

22.2.1

Description

The drywall mounting plate is designed to plaster directly into drywall without a visible cover plate or trim. The mounting plate will accommodate any of the 22 System Ø35 devices in the short device depth.

Installation

Mud-in.

Materials

Polycarbonate

Finishes

White

Patents

US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

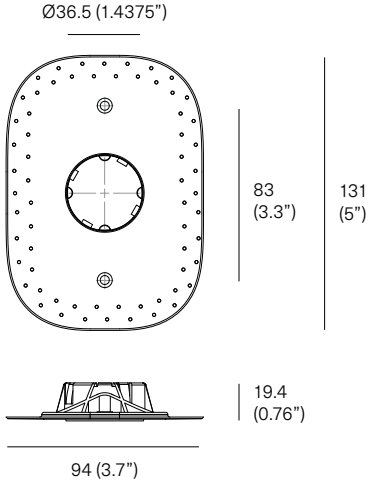
Certifications

7 OTHER

CERTIFIED SAFETY

CE UK CA

Dimensions



single
22.2.1

Double Mounting Plate — Ø35
Drywall

22

22.2.2
22.2.3
22.2.8

Description

The drywall mounting plate is designed to plaster directly into drywall without a visible cover plate or trim. The mounting plate will accommodate any of the 22 System Ø35 devices in the short device depth.

Installation

Mud-in.

Materials

Polycarbonate

Finishes

White

Patents

US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

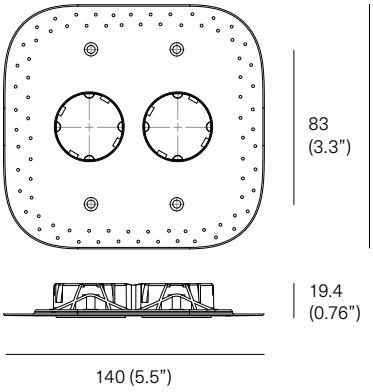
Certifications

7 OTHER

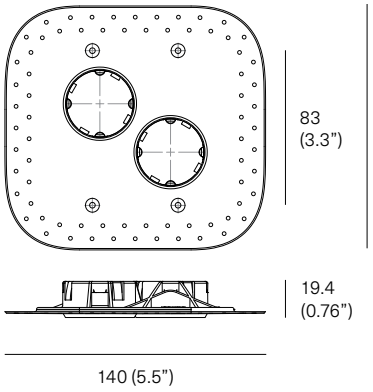
UL CERTIFIED SAFETY

CE UK CA

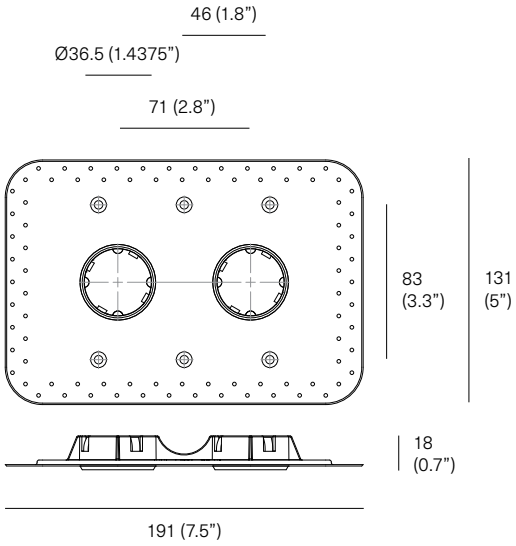
Dimensions



double linear
22.2.2



double diagonal
22.2.3



double linear—wide
22.2.8

Single Mounting Plate — Ø35
Alternate

22.2.5

Description

The alternate mounting plate is designed to be used on surfaces other than drywall - for example: millwork, stone, glass, tile, metal, etc. The mounting plate will accommodate a wide range of finish material thicknesses and accept any of the 22 System Ø35 devices.

Installation

Drilled and mounted behind rigid material.

Materials

Polycarbonate

Finishes

White

Patents

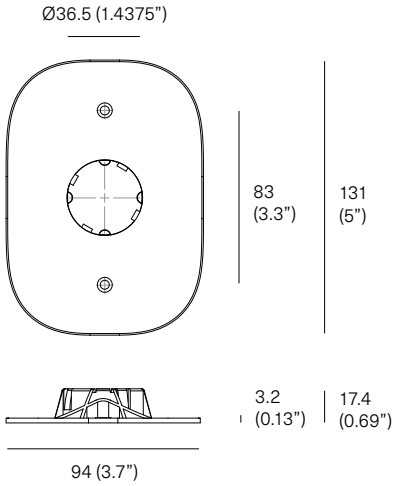
US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

Certifications

7 OTHER

CERTIFIED SAFETY

Dimensions



single
22.2.5

Double Mounting Plate — Ø35
Alternate

22

22.2.4
22.2.6
22.2.7B

Description

The alternate mounting plate is designed to be used on surfaces other than drywall - for example: millwork, stone, glass, tile, metal, etc. The mounting plate will accommodate a wide range of finish material thicknesses and accept any of the 22 System Ø35 devices.

Installation

Drilled and mounted behind rigid material.

Materials

Polycarbonate

Finishes

White

Patents

US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

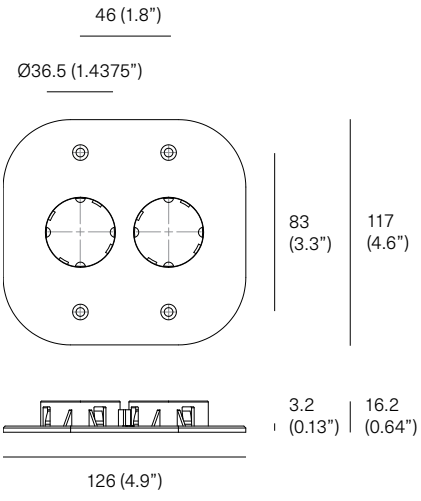
Certifications

7 OTHER

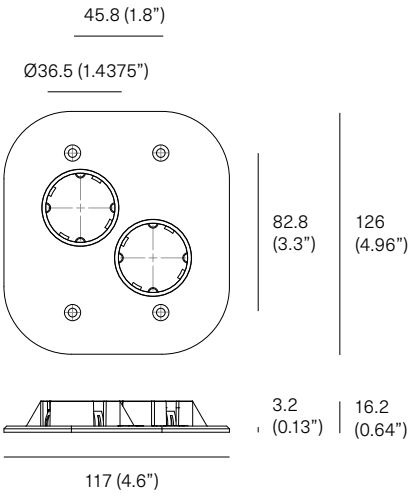
CERTIFIED SAFETY

CE UK CA

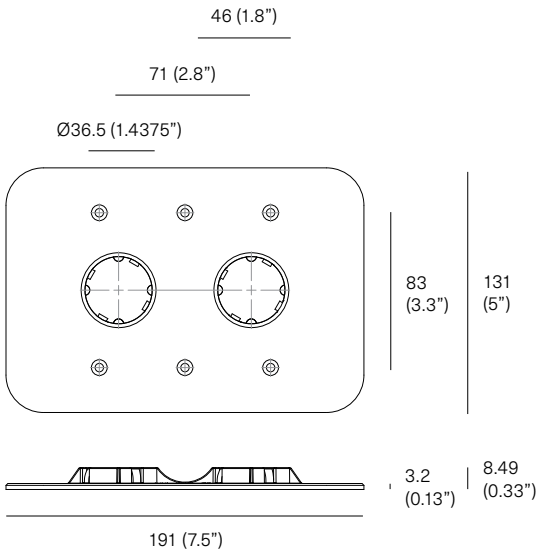
Dimensions



double linear
22.2.4



double diagonal
22.2.6



double linear—wide
22.2.7B

Outlet 15A — Ø35
Type A/B

22.3.7S
22.3.7M
22.3.7L

Description

The 15A outlet is a type A/B outlet. Compatible with 22 System Ø35 mounting plates.

Electrical

125V AC, 60Hz - 15A
NEMA 5-15R

Materials

Polycarbonate casing, electrical components.

Finishes

White, almond, grey, black.

Patents

US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

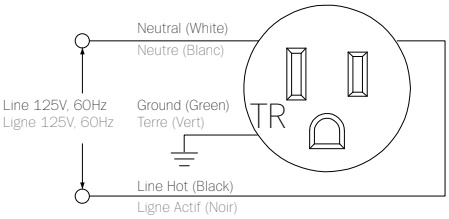
Certifications

c UL us LISTED
RECEPTACLE
E466123

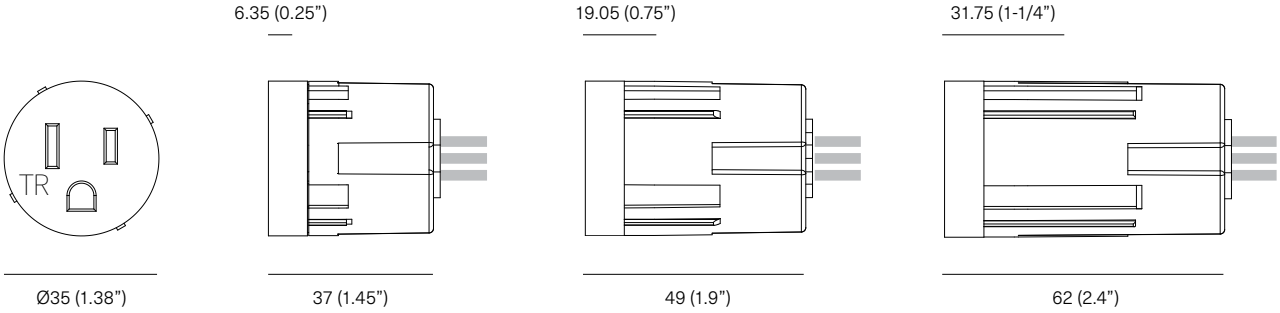
CE UK CA REACH

Diagram

22 System tamper-resistant receptacles use 14 AWG (2.08mm) wire for 15A output.



Dimensions



short
22.3.7S

medium
22.3.7M

long
22.3.7L

Outlet 20A — Ø35
Type A/B

22.3.8S
22.3.8M
22.3.8L

Description

The 20A outlet is a type A/B outlet. Compatible with 22 System Ø35 mounting plates.

Electrical

125V AC, 60Hz - 20A
NEMA 5-20R

Materials

Polycarbonate casing, electrical components.

Finishes

White, almond, grey, black.

Patents

US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

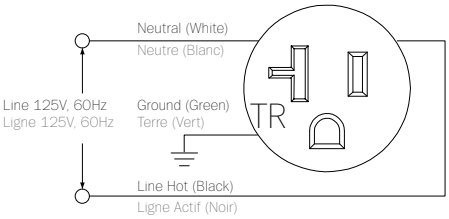
Certifications

c UL us LISTED
RECEPTACLE
E466123

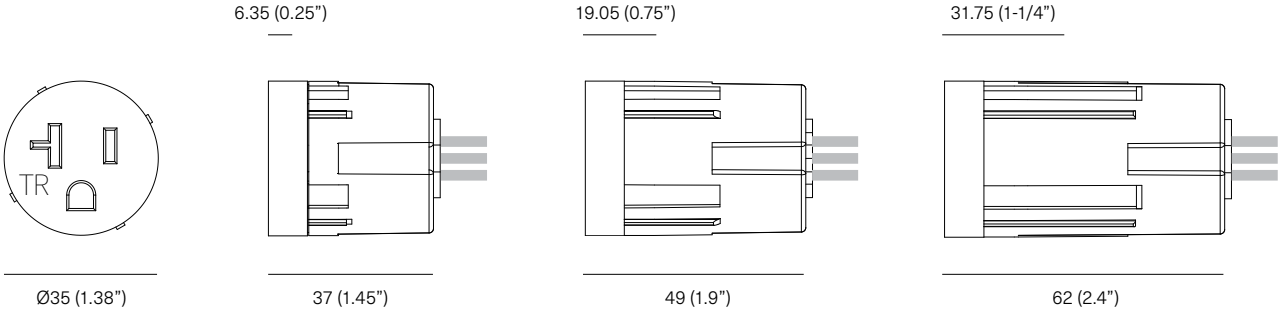
CE UK CA REACH

Diagram

22 System tamper-resistant receptacles use 12 AWG (2.63mm) wire for 20A output.



Dimensions



short
22.3.8S

medium
22.3.8M

long
22.3.8L

Switch — Ø35
on/off single pole

22.3.2S

Description

The switch is an on/off single pole line voltage device. Compatible with 22 System Ø35 mounting plates.

Electrical

120V, 15A

Materials

Polycarbonate casing, electrical components.

Finishes

White, almond, grey, black.

Patents

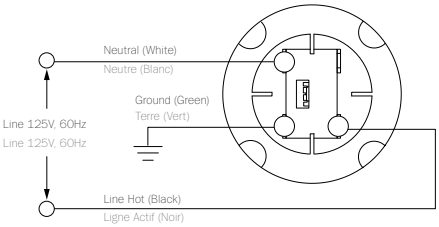
US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

Certifications

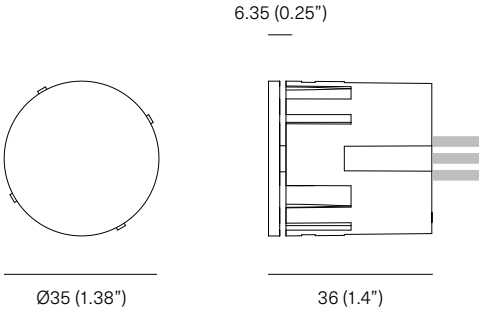
c UL us LISTED RECEPTACLE E469830 CE UKCA REACH RoHS

Diagram

22 System receptacles use 14 AWG (2.08mm) wire for 15A output.



Dimensions



short
22.3.2S

Telephone — Ø35
RJ12

22.3.3S
22.3.3M
22.3.3L

Description

The telephone jack is a RJ12 device.
Compatible with 22 System Ø35 mounting plates.

Electrical

44-57V DC (POE protocols)

Materials

Polycarbonate casing, electrical components.

Finishes

White, almond, black.

Patents

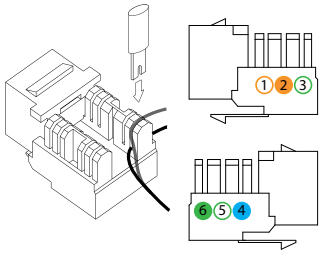
US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

Certifications

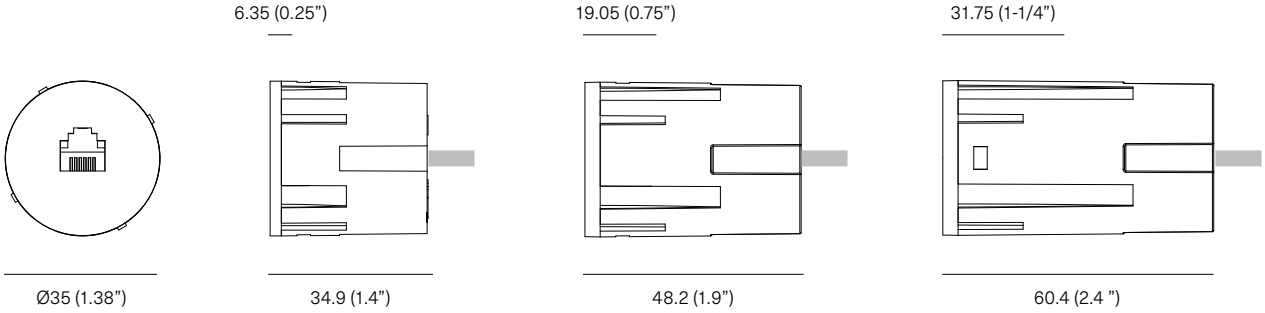
c UL us LISTED RECEPTACLE E469830 CE UK CA REACH RoHS

Diagram

Insert all wires into the RJ12 keystone by inserting them into the corresponding colour coded position using a Type 110 punch down tool and trim excess wire.



Dimensions



short
22.3.3S

medium
22.3.3M

long
22.3.3L

Cable — Ø35
F Connector

22.3.5S
22.3.5M
22.3.5L

Description

Cable F connector. Compatible with 22 System Ø35 mounting plates.

Electrical

24V DC, 500mA max

Materials

Polycarbonate casing, electrical components.

Finishes

White, almond, black.

Patents

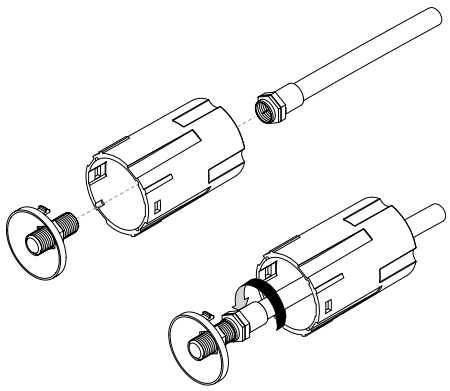
US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

Certifications

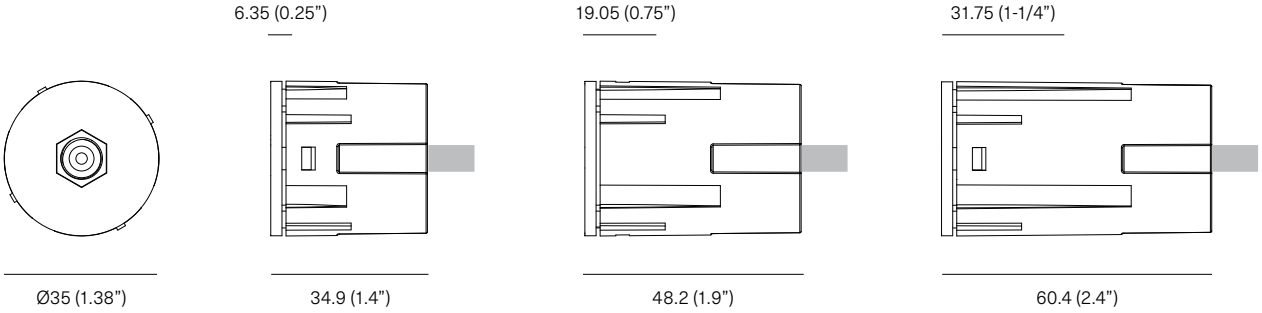
c UL us LISTED RECEPTACLE E469830 CE UKCA REACH RoHS

Diagram

Thread the coaxial RF cable through the barrel as illustrated. Screw the coaxial cable onto the threaded stem and snap the barrel onto the face plate.



Dimensions



short
22.3.5S

medium
22.3.5M

long
22.3.5L

Keypad Control — Ø35

22.3.6S

Description

This is a keypad control to provide digital inputs to intelligent control automation systems. It accepts an RJ45 CAT5 cable connection to the control system. Compatible with 22 System Ø35 mounting plates.

Electrical

44-57V DC (PoE protocols)

Materials

Polycarbonate casing, electrical components.

Finishes

White, almond, grey, black.

Patents

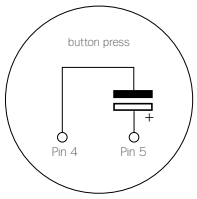
US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

Certifications

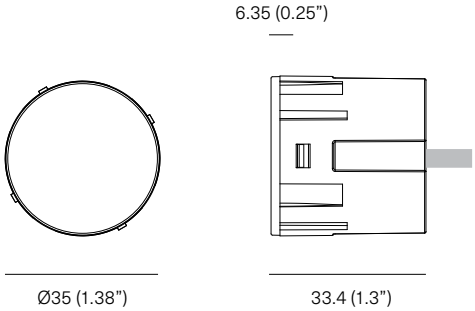
c UL us LISTED RECEPTACLE E469830 CE UKCA REACH RoHS

Wiring schematic

PIN	PIN	WIRE		
1	3	1		Not Used
2	3	2		Not Used
3	2	1		Not Used
4	1	2		Switch
5	1	1		Switch
6	2	2		Not Used
7	4	1		Not Used
8	4	2		Not Used



Dimensions



short
22.3.6S

Data — Ø35
RJ45 CAT6A

22.3.9S
22.3.9M
22.3.9L

Description

The CAT6A network cable device. Compatible with 22 System Ø35 mounting plates.

Electrical

44-57V DC (PoE protocols)

Materials

Polycarbonate casing, electrical components.

Finishes

White, almond, grey, black.

Patents

US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

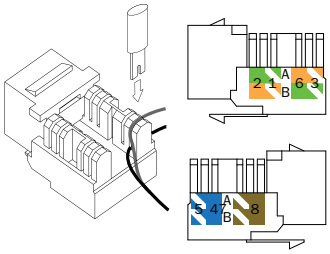
Certifications

c UL us LISTED
RECEPTACLE E469830

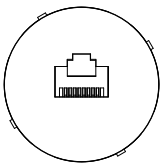
REACH RoHS

Diagram

Insert all wires into the CAT6a keystone by inserting them into the corresponding colour coded position using a Type 110 punch down tool and trim excess wire.

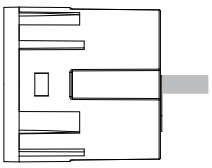


Dimensions



Ø35 (1.38")

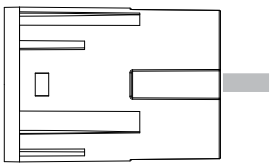
6.35 (0.25")



34.9 (1.4")

short
22.3.9S

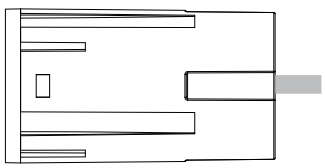
19.05 (0.75")



48.2 (1.9")

medium
22.3.9M

31.75 (1-1/4")



60.4 (2.4")

long
22.3.9L

USB A, 15W — Ø35
Double Port

22.3.10S
22.3.10L

Description

The USB A double port line voltage device. Compatible with 22 System Ø35 mounting plates.

Certifications

c UL us LISTED RECEPTACLE E482683 CE UKCA REACH RoHS

Electrical

5V DC, 2.1A-3A

Materials

Polycarbonate casing, electrical components.

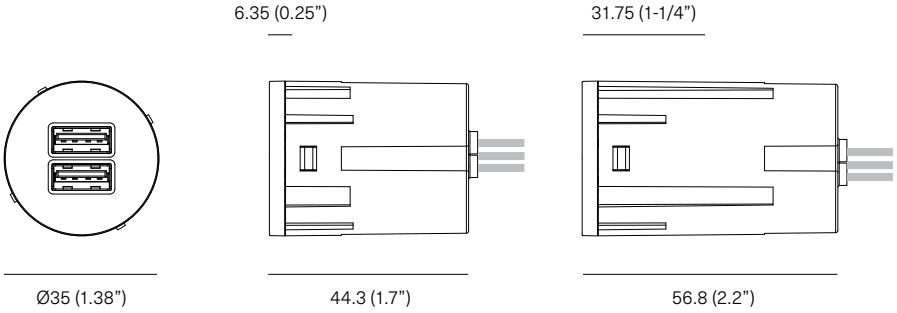
Finishes

White, almond, grey, black.

Patents

US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

Dimensions



short
22.3.10S

long
22.3.10L

USB C, 45W — Ø35
Single Port

22.3.11S
22.3.11M
22.3.11L

Description

The fast charging USB C power outlet is a line voltage receptacle. Compatible with 22 System Ø35 mounting plates.

Electrical

Input: 100-240V~
50-60 Hz, 0.35A

Output (USB-PD)

5V ⎓ 3A
9V ⎓ 3A
12V ⎓ 3A
15V ⎓ 3A
20V ⎓ 2.25A

Materials

Polycarbonate casing, electrical components.

Finishes

White, almond, grey, black.

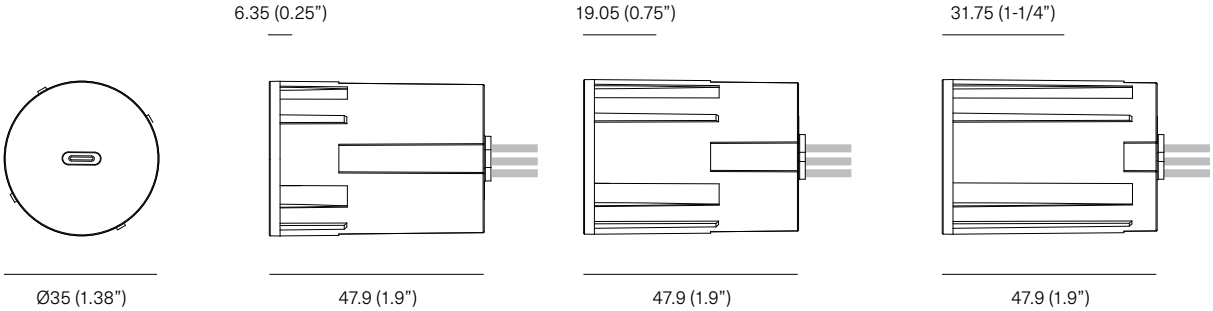
Patents

US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

Certifications

REACH RoHS

Dimensions



short
22.3.11S

medium
22.3.11M

long
22.3.11L

HDMI — Ø35

22.3.12S
22.3.12M
22.3.12L

Description

HDMI device. Compatible with 22 System Ø35 mounting plates.

Electrical

Utra HD, 4K@50/60hz, Deep Colour, Dolby True HD, DTS-HD Master Audio.

Materials

Polycarbonate casing, electrical components.

Finishes

White, almond, grey, black.

Patents

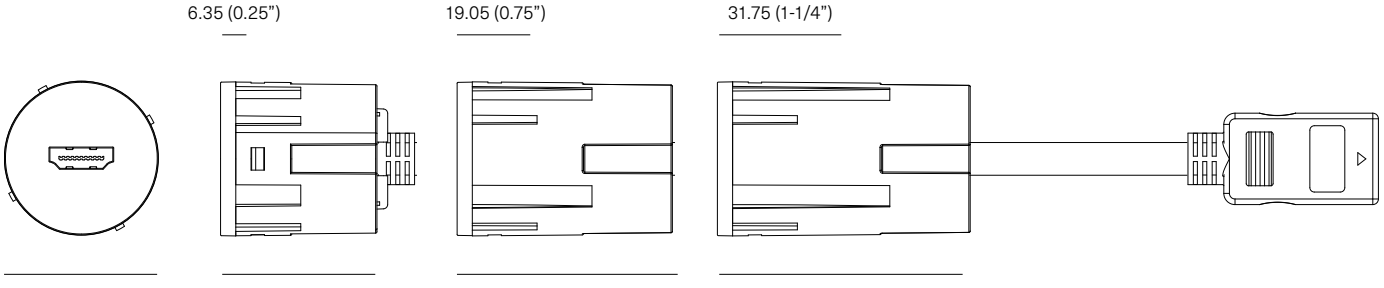
US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

Certifications

c UL us LISTED RECEPTACLE E469830

CE UK CA REACH RoHS

Dimensions



short
22.3.12S

medium
22.3.12M

long
22.3.12L

22 System Tool — Ø35

22.1

Description

22 System tool is designed to remove all 22 System Ø35 devices from the mounting plates without disturbing the surface finish of the wall. Simply insert and gently pull. The tool will disengage the locking tabs on the mounting plate and allow for removal. See Repair guide for detail instructions.

Materials

Stainless steel tool, silicon protective cover.

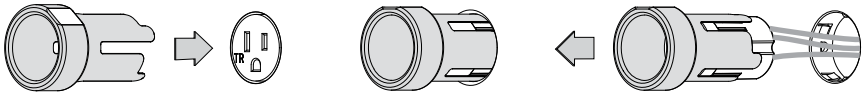
Finishes

Brushed stainless steel.

Patents

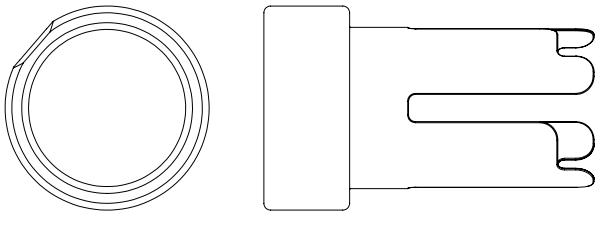
US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

Diagram



- **The included sticker with QR code shall be added to the circuit directory panel recording the location of the removal tool.**

Dimensions



Ring Cover — Ø35

22.1.9.35

Description

The Ø35 ring cover is designed to hide the reveal and provide an additional trim finishing to Ø35 devices.

Materials

Stainless steel.

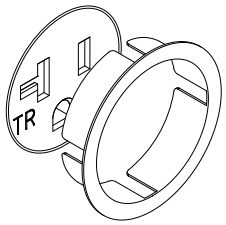
Finishes

White, almond, black, grey, brushed brass, stainless steel.

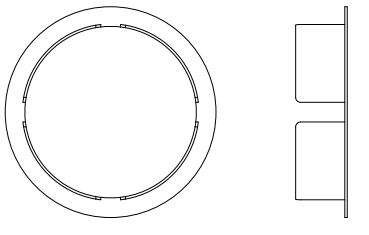
Patents

US # 7,956,295 B2 & 8,912,439 B2
Worldwide utility patents pending.

Diagram



Dimensions



Ø35 (1.38”)

10.5 (0.41”)

Trim Cap — Ø35

22.1.2M

Description

The trim cap is used to protect the Ø35 device face during installation and is suggested for wet materials such as plaster, concrete, tile/ grout, mortar, etc.

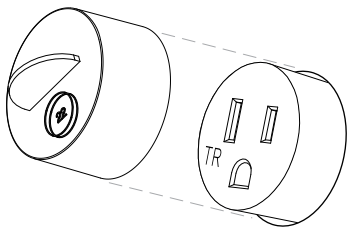
Materials

Plastic.

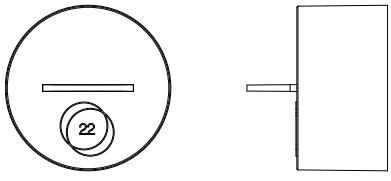
Finishes

Black.

Diagram



Dimensions



Ø36.5 (1.4”)

20 (0.79”)

Template — Ø35
Linear/Diagonal/Wide

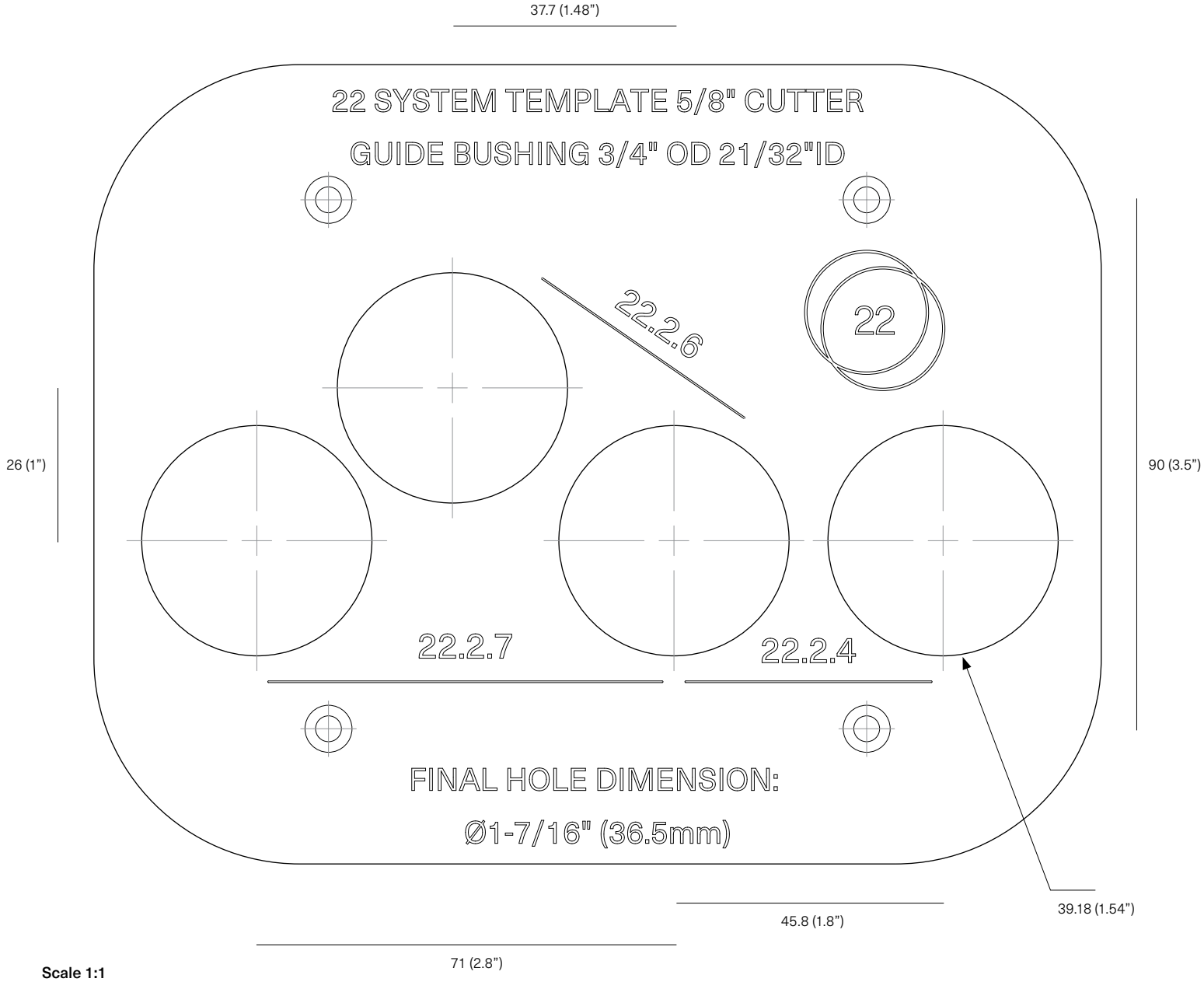
22.1.7

Description

Linear, diagonal, and wide double alternate router template.

Materials

Clear acrylic.



Scale 1:1

DO NOT SCALE DRAWING

Template — Ø35
Linear

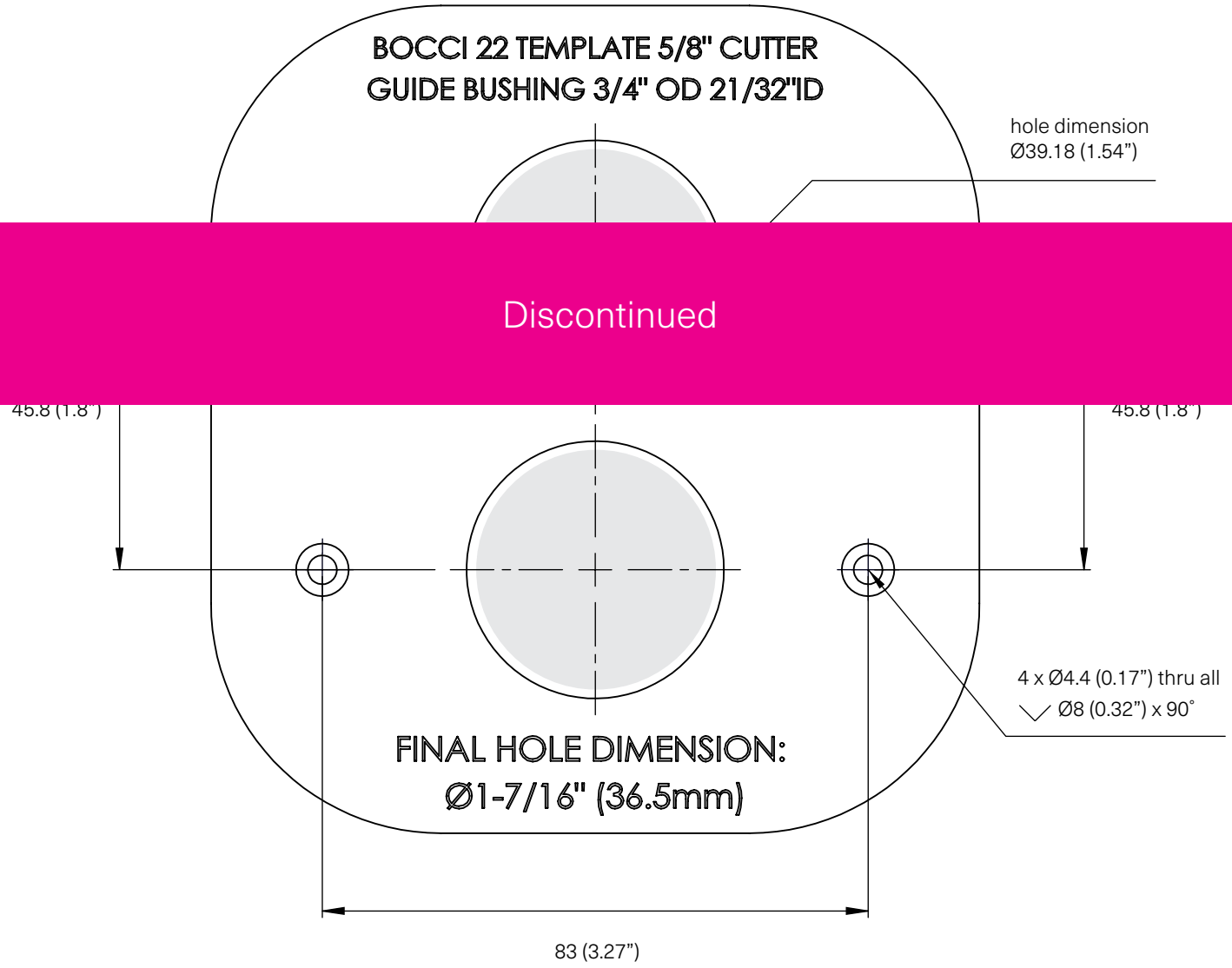
22.1.4

Description

Double linear alternate router template.

Materials

Clear acrylic.



Discontinued

Scale 1:1

DO NOT SCALE DRAWING

Template — Ø35
Diagonal

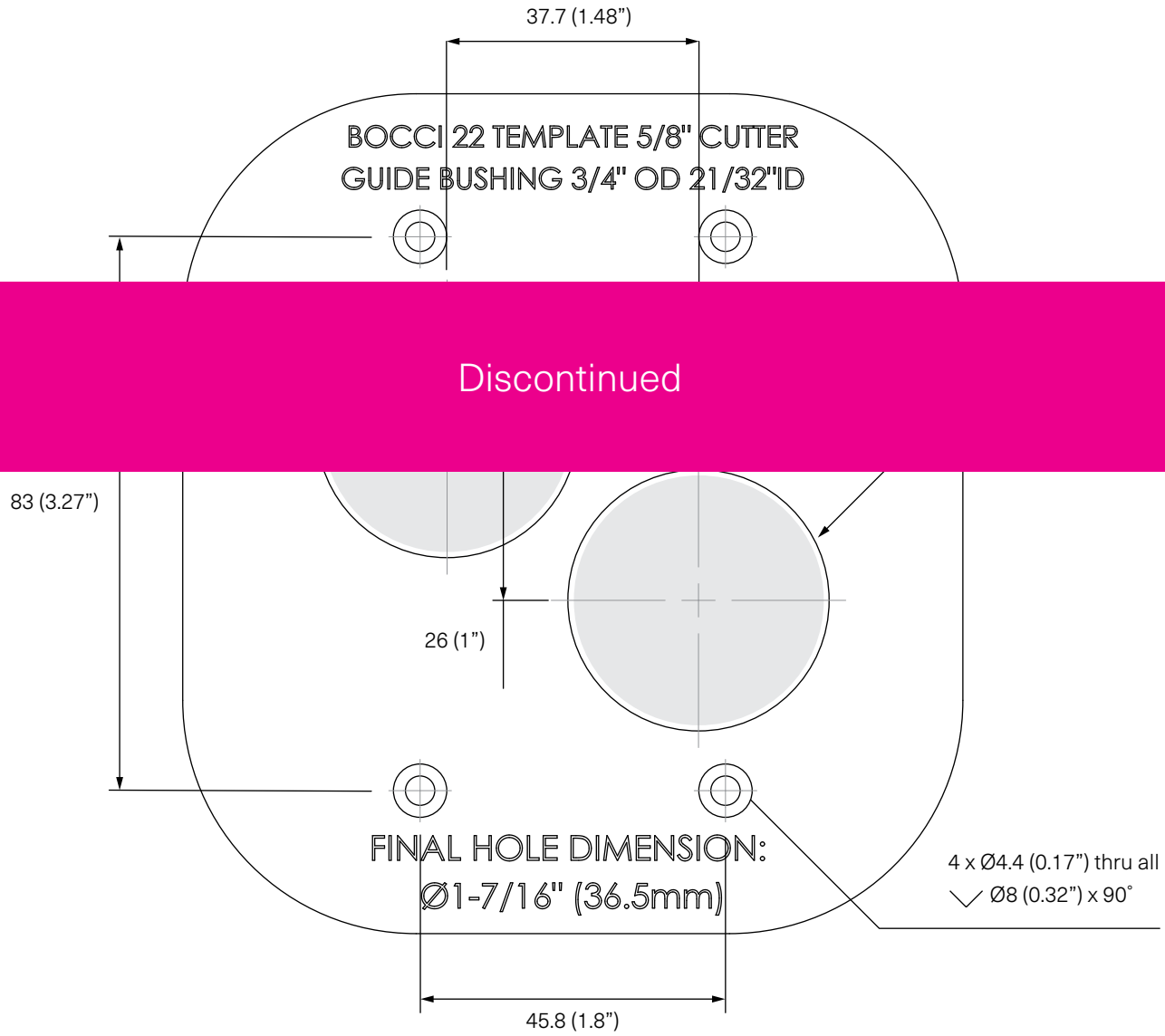
22.1.6

Description

Double diagonal alternate router template.

Materials

Clear acrylic.



Discontinued

Scale 1:1

DO NOT SCALE DRAWING