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# POWER & COMMUNICATION ACCESSORIES

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## UNDERSTANDING POWER AND COMMUNICATION OPTIONS

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As a specifier there are many factors to consider which will affect the choice of power and communication features for inclusion. Below are series of questions to consider when specifying a conference table.

- 1) Who will be using the conference table?
- 2) How will the table be used? ( meeting, presentations, work sessions.....)
- 3) What type of peripherals will be used in conjunction with the table?

**AC Power Receptacles** - Do you have the need to plug in items such as laptop computers, overhead projection equipment or types of electrical devices? Integrated receptacles eliminate the need to run extension cords which are not only unsightly, but often dangerous.

**Computer Video** - Computers have become the tool of choice in preparing and presenting information. To effectively convey information from computer to audience, a HD15 connector is generally employed. These connectors allow an interface with an external video screen separate from your laptop or link a data source and video projector.

**Phone Line Access** - Is there a need to plug in telephones or to permit guests to access the internet from the table? The RJ-11 input connector allows this to happen. Internet access for guests will require this feature if the host company's network is not compatible with their computer.

**Multi-Media Audio/Video** - Often the need to reference external sources of information such as VHS tapes or DVD's become important. To view this information it is necessary to be able to connect a VCR or DVD player to a video screen. RCA red/white/yellow or S-Video connections allow this to happen.

**Network Connection** - The RJ-45 input connector is used for linking computers to a company's main host computer. Companies who utilize a server based computers system to distribute information and services use this connector. This allows a laptop computer to moved from room to room and still access the company's information network.

**Wire Management** - There are two common locations for positioning receptacles, on or underneath the work surface. Receptacles mounted on the worksurface allow wires to remain on the table top during use. Receptacles mounted beneath the worksurface in the kneewell area removes wires from the table top, but can result in wires dangling under the table which can interfere with leg movement. Grommets can be employed to permit wires to be fed through the top for access to the receptacles. Utilizing a pop up receptacle allows you to hide the input jacks until use is is required. In the up position the receptacle can impede use of the table. To eliminate this potential problem, consider a power & communication unit that permits usage in the down position. Some units are available with wire management options that can minimize the exposure of loose wires.

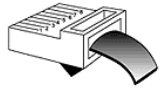
**Customizing** - We have tried to assemble an assortment of power and communication offerings that cover a board range of applications. Many of the modules can be reconfigured to include the connectors you specify.

Whatever solution you choose, CCN offers the most modern power and communication units available. Self contained and ready to install, our offings are equipped with quick connects that save time and provide a measure of safety knowing that electrical codes are not being compromised.

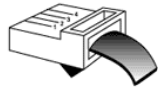
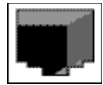
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## Connectors

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**RJ-45:** Short for registered jack-45, an eight wire connector commonly used to connect a computer onto a local area network (LAN),



**RJ-11:** Short for registered jack-11, a four or six wire connector used primarily to connect telephone equipment.



**HD-15:** High Density 15-pin connector. This connector is also called HDB15. It is typically used for newer VGA and SVGA



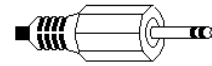
**DB-9:** This is a typical serial printer connector. This connector is found on mono-chrome monitors, serial mice, and other serial devices.



**Mini Din 6:** Also called PS/2 connector. This connector is typically found on the newer PC keyboards and mice.



**Din 5:** This connector is typically found on AT type keyboards.



**3.5mm Stereo Mini Plug:** Stereo audio connector for 3.5mm jacks. Often found on microphones and headphones.



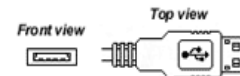
**F-Type Connector :** The most common video connector. Found commonly on televisions, cable boxes, antennas, VCR's etc. Commonly call coaxial cable



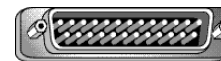
**RCA Plug:** RCA plugs are quickly replacing F-Type connectors as the home entertainment cabling of choice. They often come in pairs or triplicate. Red is right channel audio, white is left channel audio and yellow is the video feed.



**S-Video connector :** Also called SVHS, this cabling system is taking over as a replacement for RCA. It handles both audio and video in a single cable and has multiple channels.



**USB Type A :** The UBS Type A is quickly replacing many connectors that have been traditionally used on printers, scanners, keyboards, mice, ect.



**DB25 :** This connector is used on 90% of printers on the market. Can be found on most parallel and serial connections. They also are used on devices such as modems, printer and scanners.

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**intraCom Multi Station Riser**



**Model number**

APRXL-50



This unit is used mainly for large sized conference tables that require power and data plug-in locations on both sides of table. *The unit can only be used in the up position.* When in use, cords will be exposed on the table surface.

**Note:** Can only be used in a specialized rectangular table base. Consult CCN representative for information.

**Dimensions:**

10" W x 50" L  
Extended height: 3¾"

**Price (US\$)**

7356

**Features:**

Aluminum top  
Retracts flush into table top  
Controlled by switch under table top( standard location is at table end)  
Motorized lift mechanism  
Matte black finish w/ natural aluminum top  
*cannot be connected to in the lowered position*

Each side contains the following:

- (4) 15 amp power receptacles
- (2) RJ-11 and RJ-45 com/data receptacles
- (2) Computer video (15 pin HD)
- (2) RCA video (yellow)
- (2) RCA audio ( white & red)
- (2) Computer audio (mini stereo)

**Optional Lengths:**

40, 60 inches

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## Pop'N Plug Table Interconnect Box



### Model Number

ALT-LG-BL

This unit is used mainly for medium to large sized conference tables. The unit is flush to the top surface when in the closed position. Access from the front and rear allows users to plug in from both sides of the table. *When unit is in use, cords will be exposed on the table surface.*

### Dimensions:

6" W x 7-<sup>3</sup>/<sub>8</sub>" L

Extended height: 2-<sup>7</sup>/<sub>8</sub>"

### Price (US\$)

2625

### Features:

Mounts flush into table top

Open and closes by pressing on top panel

Requires low voltage DC power to operate

Electromagnetic latch

Input plate on both sides

Finish: matte black- optional colors available

*cannot connect to in lowered position*



Each side contains the following:

- (1) 15 amp power receptacles
- (1) RJ-11 and (1) RJ-45 com/data receptacles
- (1) Computer video (15 pin HD)
- (1) COM port/RS-232 ( 9 pin D)
- (1) RCA video( yellow)
- (1) RCA audio ( white & red)
- (1) Computer audio ( mini stereo)

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## Pop'N Plug Slim Interconnect Box

This unit is used mainly for medium to large sized conference tables. The unit is flush to the table top when in the closed position. Access from the front side to plug in equipment. Ideal for tables with an open center such as donut, U or V shaped tables. *When unit is in use, cords will be exposed on the table surface.*



### Model Number

ALT-MD-BL

### Dimensions:

3" W x 9-3/4" L

Extended height: 2

### Price (US\$)

2729

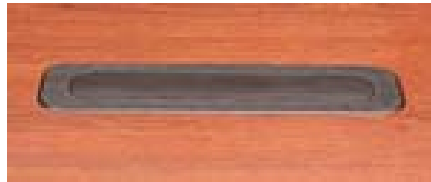
### Features:

Mounts flush into table top

Open and closes by pressing on top panel

Finish: matte black- optional colors available

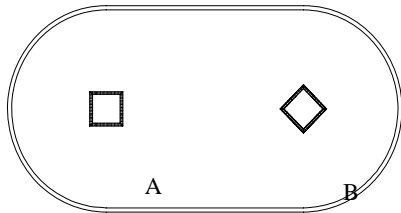
*cannot be connected to in the lowered position*



Each side contains the following:

- (1) 15 amp power receptacles
- (1) RJ-11 modem input
- (1) RJ-45 network input
- (1) Computer video (15 pin HD)
- (1) Computer video (9 pin HD)
- (1) RCA video( yellow)
- (1) RCA audio ( white & red)
- (1) Computer audio ( mini stereo)

## Intercept Power/ Data Interconnect Box



A) Positioned parallel with the long side of table:

Base requirements:  
 Minimum 18" w cube or 24" diameter  
 Cylinder with access panel

B) Positioned at 45 degree angle to long side of table:

Base requirements:  
 Minimum 24" w cube or 24" diameter  
 Cylinder with access panel

This unit is ideal for mid sized conference tables that require power and data plug-ins. It can be specified with or without black fiber "brushes" at the perimeter. The unit can be accessed from all four sides and used in either the extended or down position with some cable cord ends if the brushes are installed. Available with contrasting or matching tops.

### Dimensions:

11½" x 11½"  
 Extended height: 3"

### Model number

Model number	Price(US\$)
APR Spring loaded	1780
APRE Motorized	3678
	2017
	3915
	N/A
	678

With black or non- matching veneer top

With wood veneer grain to match table top  
 in same or contrasting finish

Add for optional remote control ( RF 100ft range)

An optional 18" x 18" metal shroud is available for applications where mechanism can not be housed in cube or cylinder base.

¾" black fiber "brush" rim available at no extra cost  
 overall dimension is 13" x 13"

### Features:

- (8) 15 amp power receptacles
- (4) RJ-11 and RJ-45 com/data receptacles
- Hardwire option not available
- Provides access to power and com/data on all four sides
- Flush mounts into conference table tops

Spring loaded- when pressure of the top surface the entire unit "pops up". Applying pressure to the top again puts the unit in the down position which is held in place by a detente.

**Mini Power/Data Riser**



Ideal for smaller conference tables. The unit sits flush when in the closed position. May be located wherever there is a cube or drum base with access panel or access door. *The unit can only be used in the up position.* Access from the front and back side to plug in equipment. Available with contrasting or matching tops.

**Model number**

APR-JR

**Dimensions:**

Extended height: 3 inches

**Top options**

Black wood accent  
Non-matching veneer

**Price (US\$)**

949

wood veneer grain to match  
table top in same or contrasting finish

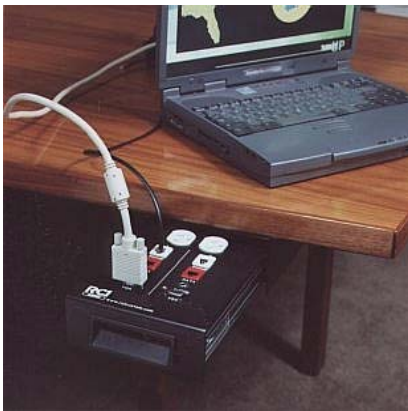
1187

**Features:**

- Power cord
- (4) 15 amp power receptacles
- (2) RJ-11 and (2) RJ-45 comm/data receptacles
- Finish: Black metal - see above for top options to specify

Spring loaded unit- when pressure is applied to the top surface the entire unit “pops up”. Applying pressure to the top surface lowers the unit back down and a détente holds it in place until top is again pressed. *Cannot be used in the lowered position.* Hardwire option not available. Top can be 7 inch diameter round or 5 inch square.

**Multimedia Presentation Drawer**



Great for use with larger conference tables where room is ample between chairs. Easy opening drawer that allows users access power and data ports as needed. When not in use it conveniently slides back under the table. Does not intrude on the work surface during use. Not recommended for use with tables that have an under cut edge profile.

**Model number**

ARCI-DRW

**Dimensions:**

15"D x 7-1/2"W x 3"H (Extends 8 inches)

**Price (US\$)**

2231

**Features:**

- Finish matte black
- (2) 15 amp power receptacles
- (2) RJ-45 network input
- (2) RJ-11 modem input
- Pre-wired front and installation
- (2) Computer video (15 pin HD)
- (2) Computer audio (mini stereo)

## Inset Power/Data Box w/ Flip-up Lid



### Model Number

AFSR-BL

AFSR-BB

A lower cost option to a pop-up unit. Accessed by opening a lid that covers the submerged plug-ins. *Can only be used in the open position.*

### Dimensions:

7"W x 4¼"L x 4½"D

7"W x 4¼"L x 4½"D

### Top options:

Black

Brushed Brass

### Price (US\$)

1780

1898



### Features:

- (2) 15 amp power receptacles
- (1) RJ-11 modem input
- (2) RJ-45 network input
- (1) Computer Audio (mini stereo)
- (1) Computer Video (15 pin HD)
- (1) Blank Cut Out

## Tilt'N Plug Jr. Tabletop Interconnect Box



### Model Number

ALT-SM-BL

Very compact in design, this unit offers a single input plate. The unit is accessed by opening a lid that exposes the plug-ins. Mounts flush to the work surface and *can only be used in the open position.* Ideal for tables with single side seating or large girth.

### Dimensions:

6"W x 13-½"L x 2¾"D

### Price (US\$)

1424

### Features:

- (1) 15 amp power receptacles
- (1) RJ-11 modem input
- (1) RJ-11 network input
- (1) Computer video (15 pin HD)
- (1) Computer audio (mini stereo)
- Finish: matte black

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## Inset Power/Data Box w/ Flip-up Lid



### Model Number

AMUPD-WT

This unit is a lower cost option to a pop-up unit. Accessed by opening a lid that covers the submerged plug-ins. The lid can be accessorized with matching or contrast veneer. *Can be used in either the open or closed position.* Cords are positioned in a slot between the lid and work surface.

### Dimensions:

5-1/2"W x 12-1/2"L

### Top options:

Black wood accent or non-matching

Wood veneer grain to match the table top in same or contrasting finish

### Price (US\$)

1026

1271

### Features:

(3) 15 amp power receptacles

(1) RJ-11 modem input

(1) RJ-45 network input

Finish: Black metal box

Power cord length - 8' (hardware option not available)

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## Hide-A-Way Microphone Door



### Model Number

ALT-SM-BL

Great feature for conference rooms that utilize video and teleconferencing. The integrated swivel door allows you to hide the microphone when not in use. When needed, a simple touch quickly positions it for conferencing.

### Dimensions:

3"W x 6"D

(price may vary based on size or surface material, call your CCN representative for more details, microphone not included.)

### Price (US\$)

1424

### Features:

Easy touch and swivel operation

180° swivel

Matching wood surface

**Double Sided Inset Power/Data Box**



**Model Number**

APID-HW

APID-DC

This unit is a lower cost option to a pop-up unit and is accessed by opening a lid that covers the submerged plug-ins. *Can be used in either the open or closed position.* Mouse holes in top will allow cords to stay connected when unit is closed. Designed to allow access for four (4) users, two (2) from each side. Units should be installed in conference table where power/data is needed on both sides.

Dimensions:	Top options:	Price (US\$)
11"W 13½" 2¾"D	Hardwire	653
11"W 13½" 2¾"D	Daisy-chained	683

**Features:**

- Unit complete with:
- (8) 15 amp power receptacles
- (1) RJ-11 and (1) RJ-45 comm/data receptacles

Finish: Black Metal with black metal door  
 Power Cord Length - 6' Hardwire option (APID-HW), Daisy-chained (APID-DC)

**Flip-up Power/Data Module**



**Model Number**

ATA-BB

ATA-SS

ATA-CH

ATA-BL

This unit is small and ideal for both desks and tables. Used in applications where single side access is required. Easy flip-up lid provides quick access and built in mouse hole allows cords to stay connected when unit is closed.

Dimensions:	Price (US\$)
4⅞"L x 4½"W x 3¼"H	812
4⅞"L x 4½"W x 3¼"H	416
4⅞"L x 4½"W x 3¼"H	812
4⅞"L x 4½"W x 3¼"H	356

**Features:**

- (2) 15 amp power receptacles
- (1) RJ-11 and (1) RJ-45 comm/data receptacles
- Power Cord Length - 6' (hardwire option not available)
- For flush mounting into worksurfaces.
- Unit flips open and is held by magnets.

**Undersurface power/Communication center**

For mounting to the underside of conference table when used in conjunction with a base that has a access panel or door.



**Model number**

AMUPD

**Dimensions:**

2"W x 10"L x 2 - 7/8"H

**Price (US\$)**

355

**Features:**

Unit complete with:

(3) 15 amp power receptacles

(1) RJ-11 and (1) JR-45 comm/data receptacles

Finish: Black metal box

Power cord length- 8 feet ( hardwire option not available)

**Flush Mount Power/ Data Module**

For flush mounting into work surface. Units can be installed in conference table and open knee space credenzas. Cover can be closed with power and data cords still connected. *Mouse holes in top will allow cords to stay connected when unit is closed.*



**Model number**

API-HW

API-DC

**Dimensions:**

5- 1/2"D x 9 - 1/8"W x 3"H

5- 1/2"D x 9 - 1/8"W x 3"H

**Options:**

Hardwire

Daisy chained

**Price (US\$)**

451

475

**Features:**

Unit complete with:

(2) 15 amp power receptacles

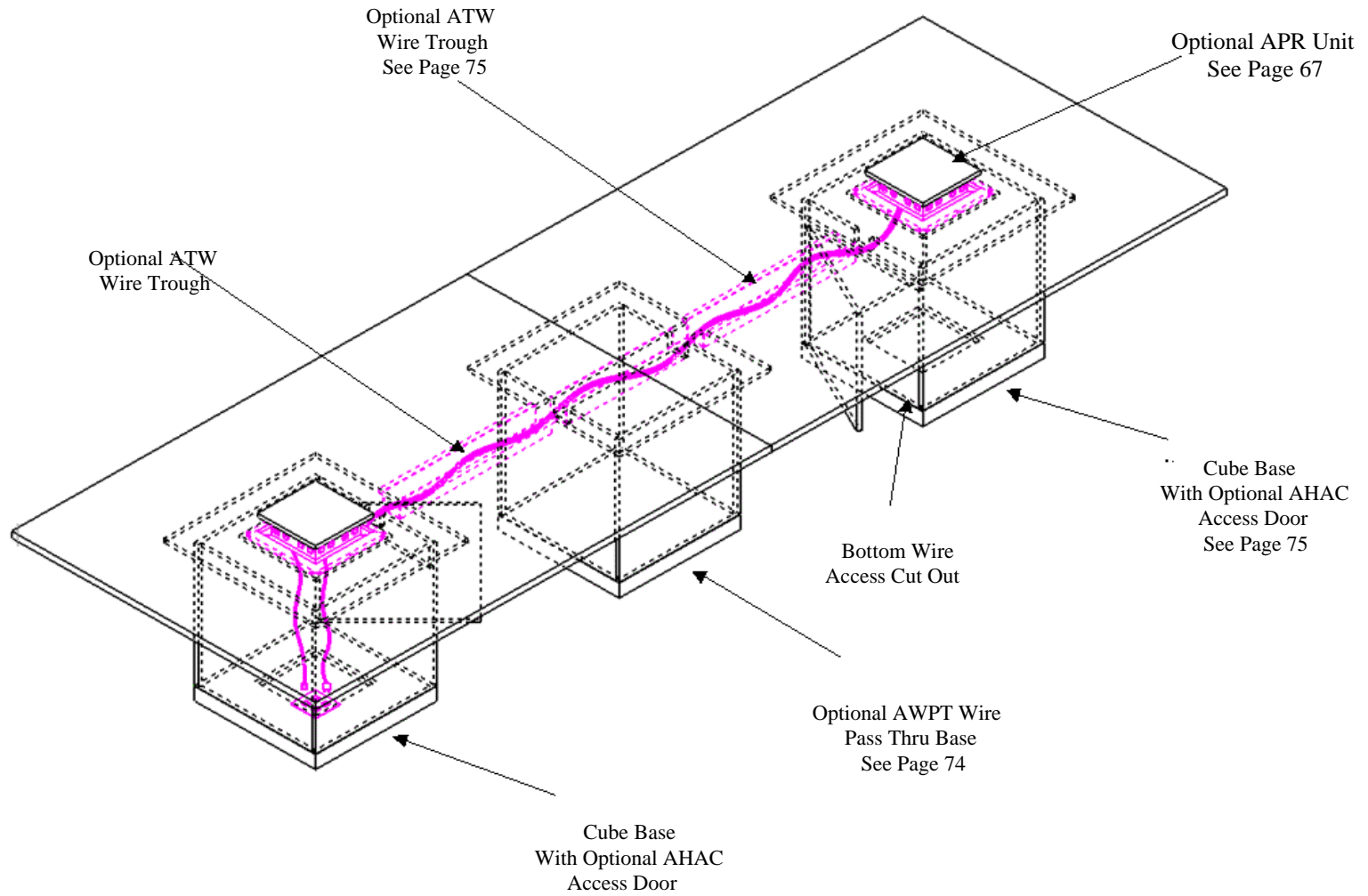
(1) RJ-11 and (1) RJ- 45 comm/ data receptacles

Finish: Black metal with black metal door

Power cord length- 6 feet

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## Electrical Components and Wire Pass Thru



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**Wire Pass Through Base**

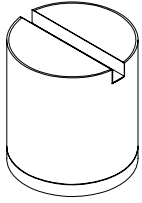
Provides a wire passageway when required  
Use with wire trough (see below)

**Model number**

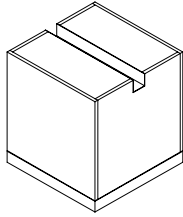
**Price (US\$)**

AWPT

134

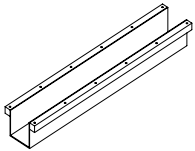


(in drum base)



(in cube base)

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**Wire Trough**

**Model number**

**Price (US\$)**

AWT-size

41 per foot

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**Cube or Rectangular Cube Base Access Door**

Permits access to power/data located in the floor and enables power/data routing to the table top

Note: not available on Polished Metal Drum bases

**Model number**

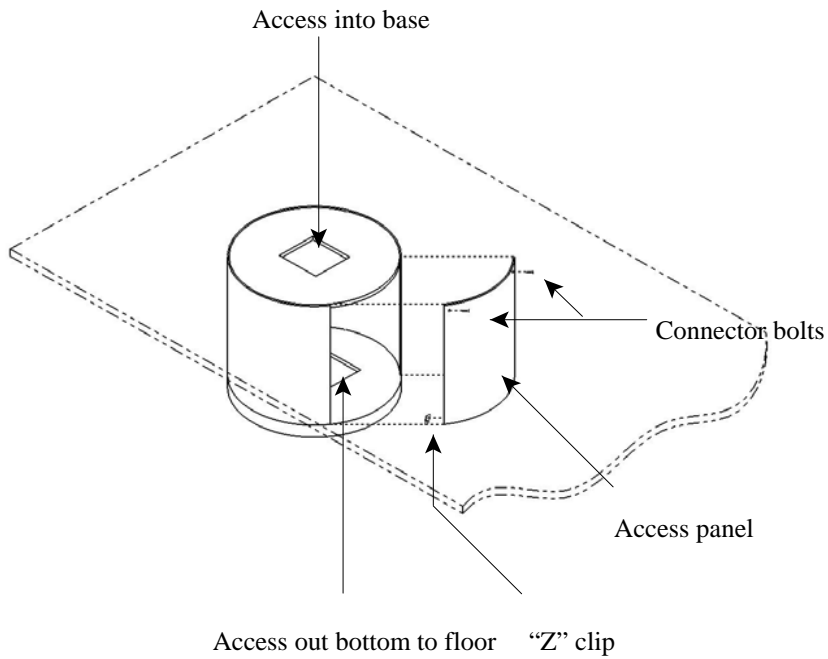
**Price (US\$)**

APAD

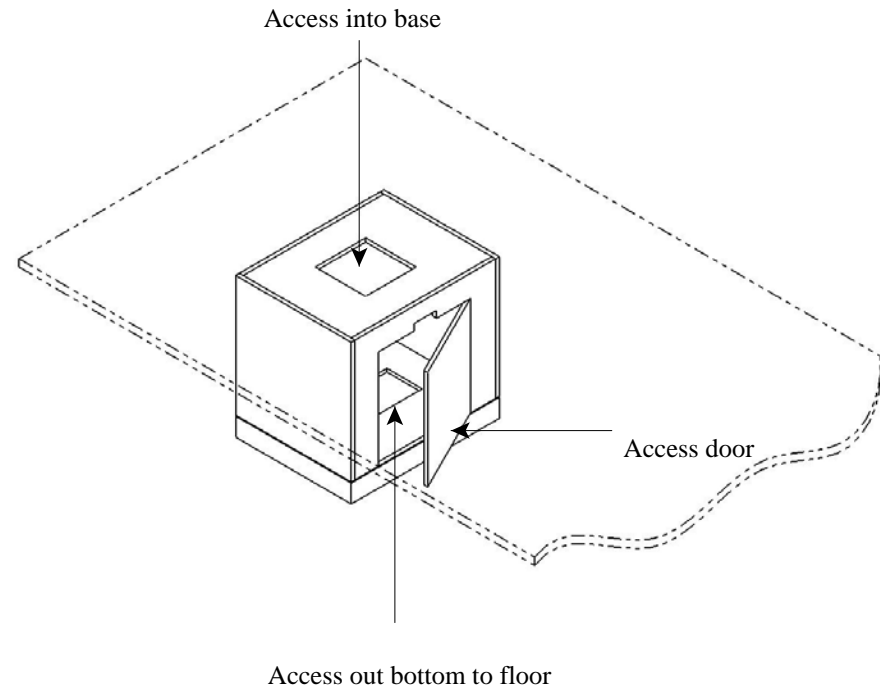
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AHAC

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**APAD**



**APAC**