## Description

This 24 port Cat6a 1U shielded patch panel has shielded RJ45 female ports on the front and 110 punch-down style terminals on the rear. It has a built in cable manager and is meant to be mounted on a 19" rack or cabinet. It provides an easy method to terminate raw Cat6a shielded cable runs.

## Physical Characteristics

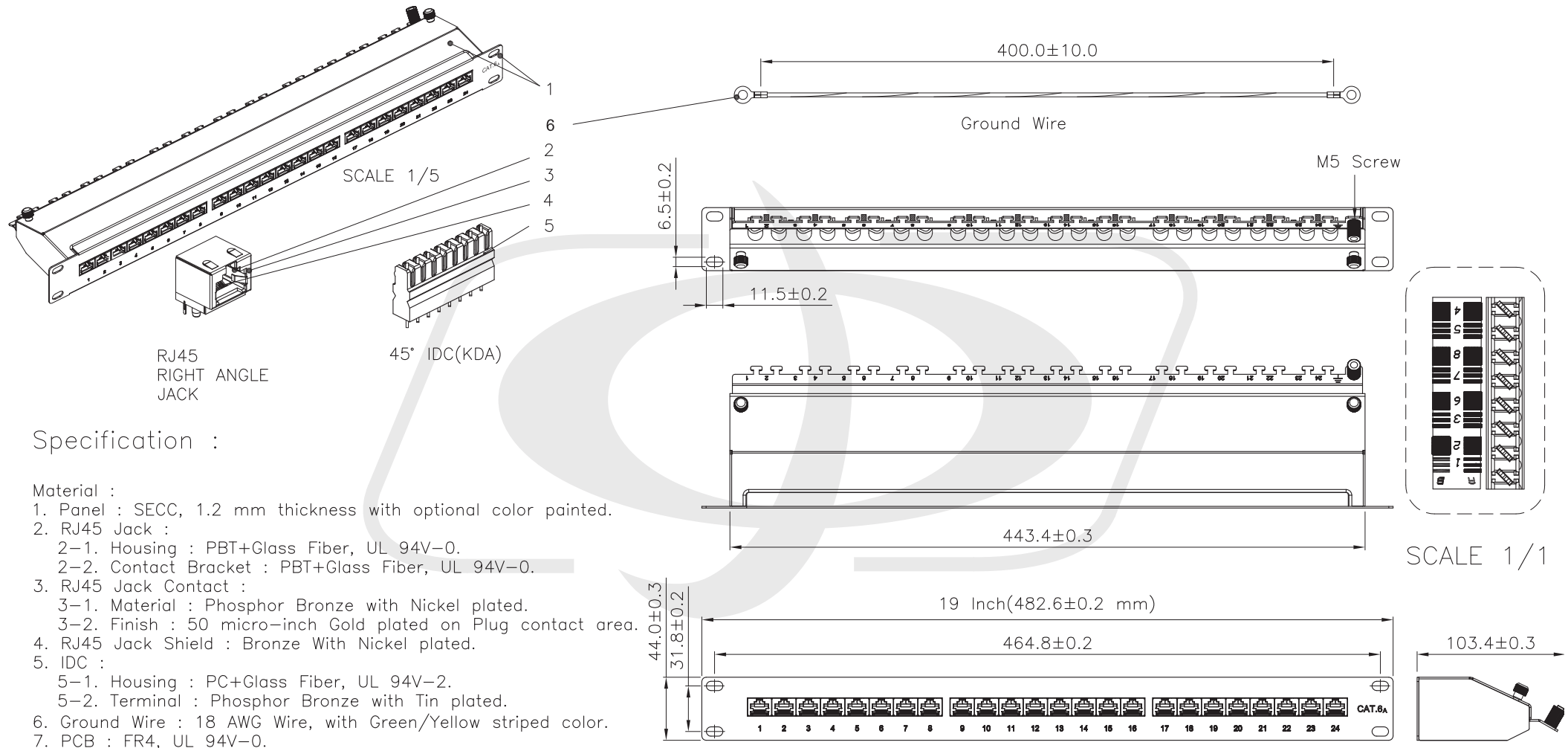| | |
|---|---|
| Color | Black Powder Coated |
| Panel Material | SECC Steel, 1.2mm thickness |
| Jack Material | Housing and Contact Bracket: PBT+Glass Fiber |
| Jack Contact Material | Phosphor Bronze with Nickel Plating |
| Jack Contact Finish | Gold Plated |
| Jack Shield | Bronze with Nickel Plating |
| Connector Type | Cat6a |
| Color Code | 568A or 568B |
| Operating Temperature | -10 deg C to 60 deg C |
| Ports | 24 |
| Rack Space | 1U |
| Product Dimensions | 19" W x 1.7" H [48 cm W x 4.3 cm H] |
| Insertion Force | 30N max |
| Retention Strength | 7.7 kg between jack and plug |
| Rackmountable | Yes, 19" Rack or Cabinet |
| Cable Management | Yes |

## Connectors

| | |
|---|---|
| Front | 24 - RJ45 Shielded CAT6a Female |
| Rear | 12 x 4 Pair - 110 Style Shielded Punch-Down Terminations |

## Environmental

| | |
|---|---|
| RoHS | Yes |

## Packaging Information

| | |
|---|---|
| Package Quantity | 1 - Patch Panel |
| | 1 - Cable Jacket |
| | 25 - Cable Ties |
| Product Weight | 3.2 lbs [1.5 kg] |

**PHANTOM CABLES**



SCALE 1/5

RJ45
RIGHT ANGLE
JACK

45° IDC(KDA)

1
6
2
3
4
5

400.0±10.0

Ground Wire

M5 Screw

6.5±0.2

11.5±0.2

443.4±0.3

SCALE 1/1

44.0±0.3
31.8±0.2

19 Inch(482.6±0.2 mm)

464.8±0.2

103.4±0.3

CAT.6A

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

## Specification :

Material :
1. Panel : SECC, 1.2 mm thickness with optional color painted.
2. RJ45 Jack :
   2-1. Housing : PBT+Glass Fiber, UL 94V-0.
   2-2. Contact Bracket : PBT+Glass Fiber, UL 94V-0.
3. RJ45 Jack Contact :
   3-1. Material : Phosphor Bronze with Nickel plated.
   3-2. Finish : 50 micro-inch Gold plated on Plug contact area.
4. RJ45 Jack Shield : Bronze With Nickel plated.
5. IDC :
   5-1. Housing : PC+Glass Fiber, UL 94V-2.
   5-2. Terminal : Phosphor Bronze with Tin plated.
6. Ground Wire : 18 AWG Wire, with Green/Yellow striped color.
7. PCB : FR4, UL 94V-0.