



**Material:**

1. Panel: 1.5mm/SPCC with Black color painting.
2. RJ45 Housing: PBT, UL 94V-0.
3. RJ45 Contact material & finished:
  - 3-1. Phosphor Bronze with 50-60 micro-inch Nickel plated.
  - 3-2. Contact area: 3-50micro-inch Gold plated.
4. IDC House: PC, UL 94V-2.
5. IDC Terminal material & finished:
  - 5-1. Phosphor Bronze with 50 micro-inch Tin-Lead plated. Over 50-60 micro-inch Nickel plated.
  - 5-2. Use for 22-26 AWG stranded and solid wire.
6. PCB: FR4,UL 94V-0.

**Performance:**

- a. The IDC color combine two wirings of T568A & T568B.
- b. Insertion Force: 900 grms for 8 contacts.
- c. Retention Strength: 7.7 kgs between Jack and Plug.
- d. Operation Temperature: - 40°C to 70°C.
- e. Durability:
  - e-1. Jack:750 cycles Plug-Jack mating and unmating test, Insertion cycles at 20 cycles/minute max. Contact resistance test per 100 cycles.
  - e-2. IDC: Max.200 punching times.
- f. The Cat.6A performance is in compliance with the ANSI/TIA/EIA 586 B.2 standard

**Order information:**

| P/N           | Description                                  | Package   |
|---------------|--|-----------|
| CL-F24P-C6A01 | FTP 0.5u Cat.6A Patch Panel 24Port Krone IDC | 20PCS/CTN |

| TOLERANCE |       |            | <br><b>Shenzhen Copperled Technology Co.,Ltd</b><br><i>CopperLed</i> |                    |
|-----------|-------|------------|--|--------------------|
|           | INCH  | MM         |  |                    |
| .X        | .015  | .30        |  |                    |
| .XX       | .010  | .10        | TITLE: FTP 0.5u Cat.6A Patch Panel 24Port Krone IDC                  |                    |
| .XXX      | .005  | .05        |  |                    |
| DRAWN BY  |       |            |  | P/N: CL-F24P-C6A01 |
| CHECK BY  | SCALE | 1:1        |  | REV    A           |
|           | UNIT  | MM         |  |                    |
| APPD BY   | SHEET | 1/1        |  | DWG NO:            |
|           | DATE  | 24-12-2012 |  |                    |