

## CAT 6A UTP KEYSTONE JACKS

P/N: JKA08-UC6A

### DESCRIPTION

- As part of LINKBASIC Cat6A UTP solution, Cat6A UTP Keystone jacks' performance exceeds all requirements for Cat6A components, including NEXT, FEXT, attenuation, and return loss; guarantees 550MHZ broadband transmission, long-term reliability and stability; suitable for connection between workspace and Equipment room.

### FEATURES

- Exquisite and compact appearance.
- Unique design of balance circuit board and line pair decrease cross talk and increase allowance.
- Available in both T568A/B wiring. Wire map are printed clearly on jacks.
- 550MHZ available bandwidth provides more allowance than Cat6A.
- Beyond comparison 10 GB/s transmission rate, the highest in industry
- Backward compatibility for Cat6, cat5E and Cat5
- Unique design of IDC terminating protective cap make wiring-free conveniently, complying with human engineering.
- One-wire type IDC terminating interface with swiftly separating wire pair make installation easy and suitable for various installation circumstances.
- High-strength PC material for terminating housing ensure more than 250times terminating.
- Clearly coding T568A/B coding prevents mistaken terminating.
- Latch design on terminating protective cap can prevent cable from over bending or falling off after termination, and prevent contact point from damage.

### APPLICATION

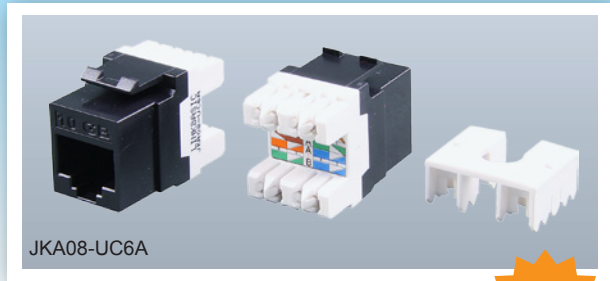
- Communication outlet
- Multi-user communication outlet
- Concentration point
- Jack-style patch panel

### SPECIFICATION

- Suitable for 23AWG cable
- IDC terminating interface
- Durability: 1500 times plugging  
250 times terminating

### PHYSICAL CHARACTERISTICS

- IDC interface
- IDC clip: phosphor bronze.
- Module style jack socket
- Contact: phosphor bronze with 50 $\mu$ " gold plating



JKA08-UC6A

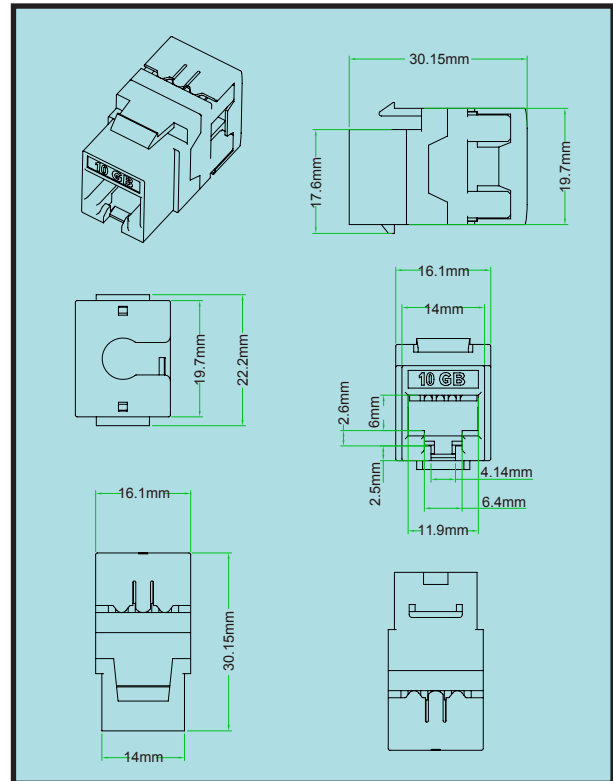
CAT 6A UTP KEYSTONE JACKS (180degree, tool-free)



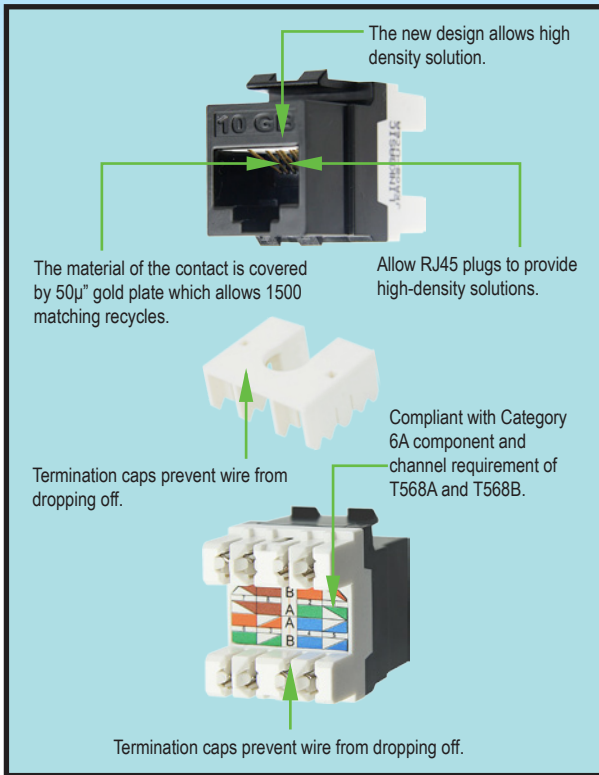
### ELECTRICAL CHARACTERISTICS

|                                |                      |
|--------------------------------|----------------------|
| Dielectric strength            | 1,000V RMS 60Hz/1min |
| Rated current                  | Maximum 1.5A         |
| Insulation resistance(minimum) | 500megohm            |
| Contact resistance(maximum)    | 100milliohm          |

### PRODUCT FIGURE



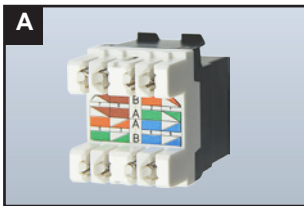
### PRODUCT FIGURE



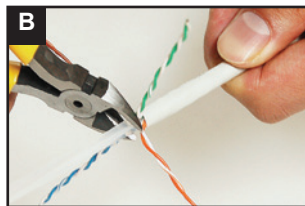
### TRANSMISSION PERFORMANCE

| Frequency (MHz) | Insertion loss (Db) | Next (Db) | PSNEXT (Db) | RL (Db) |
|-----------------|---------------------|-----------|-------------|---------|
| 0.772           | 2.1                 | 65.0      | 62.0        | 19.0    |
| 1               | 2.3                 | 65.0      | 62.0        | 19.0    |
| 4               | 4.2                 | 63.0      | 60.5        | 19.0    |
| 8               | 5.8                 | 58.2      | 55.6        | 19.0    |
| 10              | 6.5                 | 56.6      | 54.0        | 19.0    |
| 16              | 8.2                 | 53.2      | 50.6        | 18.0    |
| 20              | 9.2                 | 51.6      | 49.0        | 17.5    |
| 25              | 10.2                | 50.0      | 47.3        | 17.0    |
| 31.25           | 11.5                | 48.4      | 45.7        | 16.5    |
| 62.5            | 16.4                | 43.4      | 40.6        | 14.0    |
| 100             | 20.9                | 39.9      | 37.1        | 12.0    |
| 200             | 30.1                | 34.8      | 31.9        | 9.0     |
| 250             | 33.9                | 33.1      | 30.2        | 8.0     |
| 300             | 37.4                | 31.7      | 28.8        | 7.2     |
| 400             | 43.6                | 28.7      | 25.8        | 6.0     |
| 500             | 49.3                | 26.1      | 23.2        | 6.0     |

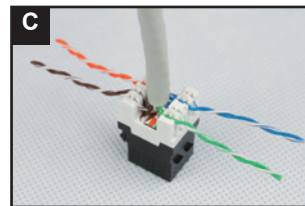
### INSTALLATION INSTRUCTIONS



View the T568A/T568B wiring scheme.



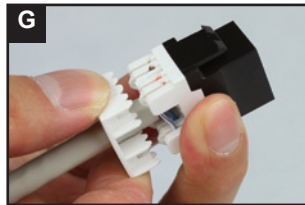
Cut the pair separator and rip cord (if present) as close as possible to the jacket. Note: Be careful not to nick conductors.



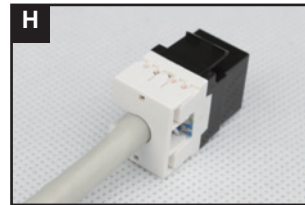
Insert each wire into the appropriate channel according to the color code on the module.



Terminate wires using LINKBASIC tool (P/N: TLA11) or equivalent.



Snap dust caps.



Finish the installation.

### ORDER INFORMATION

| Part number | Description                                  | standard color | Inner box | Carton | Carton measurement         | Carton weight |
|-------------|--|----------------|-----------|--------|----------------------------|---------------|
| JKA08-UC6A  | Cat6A unshielded keystone jacks (180 degree) | Black          | 25PCS     | 250PCS | L 53.5cm×W 31.3cm×H 23.4cm | 3.80KG        |