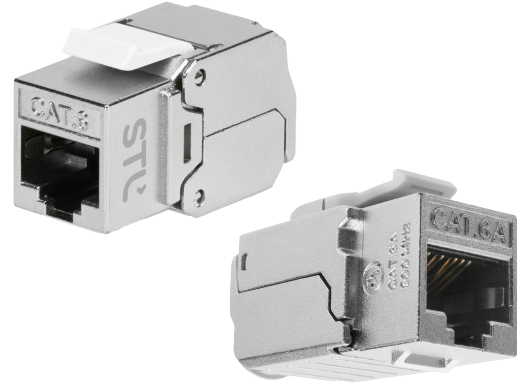


# estelan

## Category 6 and 6A STP Keystone Outlet



Category 6 and 6A STP RJ45 Keystone jacks conforms to class E and EA performance respectively, due to their small form design, they are perfect for compact and sleek applications. Each jack is available with a 90° and 180° termination design, wiring diagram, and conductor protection cap.

### Features & Benefits

- Both CAT6 & 6A Complies to ANSI/TIA 568.2-D, IEC/ISO 11801.  
CAT6 Complies to IEC 60603-7-5; CAT6A Complies to IEC 60603-7-1
- Small form RJ45 foot print design
- No punch down tool is required for installation of 180° Keystone jack
- 90° and 180° termination
- Wiring diagram and T568A & T568B

### Specifications

| Mechanical Specifications           |  |
|-------------------------------------|--|
| Type                                | Shielded                                   |
| Contact Material                    | Phosphor Bronze, Tin (8Pins- Gold Plating) |
| Plastic Housing                     | Zinc Die-casting with Nickel plating       |
| Plug Insertion Life (RJ45 Contacts) | ≥ 750 Cycles                               |
| Plastic Parts type                  | High impact flame retardant plastic        |
| PCB Material & Thickness            | FR-4, 1.2mm                                |
| IDC Conductor                       | Phosphor bronze with Tin-plating           |
| Contact Compatibility               | Accommodates 23 to 26AWG solid             |
| Design                              | 90° and 180°                               |

## Performance

- The Category 6 and 6A Electrical Performance is complies with the ANSI/TIA 568.2-D
- Insertion force: CAT6 : 30N Max (IEC 60603-7-5) | CAT6A : 30N Max (IEC 60603-7-1)
- Retention Strength: 7.7 kg between jacks and plug

## Environmental Specifications

|                              |                 |
|------------------------------|-----------------|
| <b>Operating Temperature</b> | -10°C to + 60°C |
|------------------------------|-----------------|

## Regulatory Compliances/Certifications

- RoHS Directive (2011/65/EU+2015/863/EU)

## Ordering Information

| Part Code      | Description                                  |
|----------------|--|
| NXIOC6ASX180XX | Keystone Shielded Outlet, 180°, C6A, <Color> |
| NXIOC6ASX090XX | Keystone Shielded Outlet, 90°, C6A, <Color>  |

## Configurator

|           | Type                    | Category    | Shielding     | Angle      | Color       |
|-----------|-------------------------|-------------|---------------|------------|-------------|
| <b>NX</b> | <b>IO</b>               | <b>C6A</b>  | <b>SX</b>     | <b>180</b> | <b>GY</b>   |
|           | IO - Information Outlet | C6A - CAT6A | SX - Shielded | 180 - 180° | BL - Blue   |
|           |                         | C06 - CAT6  |               | 090 - 90°  | OR - Orange |
|           |                         |             |               |            | GR - Green  |
|           |                         |             |               |            | BR - Brown  |
|           |                         |             |               |            | GY - Grey   |
|           |                         |             |               |            | WH - White  |
|           |                         |             |               |            | RD - Red    |
|           |                         |             |               |            | BK - Black  |
|           |                         |             |               |            | YL - Yellow |
|           |                         |             |               |            | AQ - Aqua   |
|           |                         |             |               |            | IV - Ivory  |

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