

# 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

### Regulatory Compliances/Certifications

- RoHS Directive (2011/65/EU+2015/863/EU)
- UL Listed (E325735)
- ETL or FORCE Verified

### 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
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## 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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