

estelan

Category 6 and 6A UTP Keystone Outlet



Category 6 and 6A UTP RJ45 Keystone jacks conforms to class E and E_A 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 118 01
- CAT6 Complies to IEC 60603-7-4
- CAT6A Complies to IEC 60603-7-41
- 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 Verified (E325735)
- ETL and FORCE verified

Specifications

Mechanical Specifications	
Type	Unshielded
Contact Material	Phosphor Bronze, Tin (8Pins- Gold Plating)
Plastic Housing	ABS+PC UL94V-0
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: 20N Max (IEC 60603-7-4)
- Retention Strength: 7.7 kg between jacks and plug

Environmental Specifications

Operating Temperature	-10°C to + 60°C
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Ordering Information

Part Code	Description
NXIOC6AUX180XX	Keystone Unshielded Outlet, 180°, C6A, <Color>
NXIOC6AUX090XX	Keystone Unshielded Outlet, 90°, C6A, <Color>

Configurator

	Type	Category	Shielding	Angle	Color
NX	IO	C6A	UX	180	GY
	IO - Information Outlet	C6A - CAT6A	UX - Unshielded	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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