

SyscomX CAT6 STP Keystone Jack

Shielded RJ45 Network Module

Professional Keystone Jack for Structured Cabling Systems



The SyscomX CAT6 STP Keystone Jack is designed for professional structured network cabling systems. It provides stable and reliable Gigabit Ethernet connectivity for wall plates, patch panels, network cabinets, offices, homes, and CCTV IP network installations. The shielded metal housing helps reduce electromagnetic interference and supports clean cable termination.



Rear IDC Termination



Shielded Side View



CAT6 RJ45 Front View

Product Information

Item	Specification
Brand	SyscomX
Product Name	CAT6 STP Keystone Jack
Category	CAT6
Type	RJ45 Keystone Jack
Connector Type	Female RJ45
Cable Type	STP / Shielded Twisted Pair
Shielding	Shielded metal housing
Wiring Standard	T568A / T568B
Installation	Wall Plate / Patch Panel / Keystone Frame
Color	Silver / White

Technical Specifications

Performance, termination, and installation details



T568A / T568B Label - Side 1



T568A / T568B Label - Side 2



Shielded Top View

Technical Data

Item	Specification
Network Speed	Up to 1000 Mbps
Bandwidth	Up to 250 MHz
Pin Type	8P8C
Termination Type	IDC Punch Down
Supported Cable	CAT6 STP Cable
Wire Gauge	22-26 AWG
Contacts	Gold-plated RJ45 contacts
Housing Material	Metal shield + durable plastic
Application	Indoor Networking

Package Includes

Item	Quantity / Status
CAT6 STP Keystone Jack	1 Piece
Shielded Metal Housing	Included
IDC Wiring Module	Included
Plastic Cable Lock / Cover	Included
Cable Tie	Included
Color Wiring Label	T568A / T568B

Key Features

Feature	Description
Shielded Design	Metal shielded body helps reduce EMI and improves installation protection.
CAT6 Performance	Supports Gigabit Ethernet with bandwidth up to 250 MHz.
IDC Punch Down	Quick termination using standard punch-down tools.
T568A / T568B Guide	Color-coded wiring labels for both wiring standards.
Professional Finish	Compatible with wall plates, patch panels, and keystone frames.

Detailed Product Views

CAT6 STP Keystone Jack - Components and Angles



Retail Package



RJ45 Port - CAT6 STP



Rear IDC Termination



Side Metal Body



Vertical Side View



Shield Clamp Detail



White Wiring Module



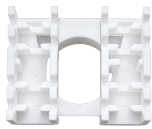
Plastic Cable Cover



Cable Tie

Applications & Installation Notes

Recommended uses and important termination guidance



White Wiring Module



Plastic Cable Cover



Cable Tie

Applications

Application	Use Case
Network Wall Outlets	RJ45 wall termination points
Patch Panels	Structured cabinet termination
Data Cabinets	Professional network organization
Office Networks	Workstations and LAN outlets
Home Networks	Room-to-room network points
CCTV IP Networks	IP camera cable termination
Structured Cabling	Permanent CAT6 STP infrastructure

Important Installation Notes

Installation Note	Details
Cable Compatibility	Use with CAT6 STP cable for shielded installations.
Wiring Standards	Follow the printed T568A or T568B color guide.
Termination	Terminate conductors using IDC punch-down slots.
Grounding	For best shielding performance, connect shielded cabling and panels properly.
Indoor Use	Recommended for indoor structured network environments.