

# Cat6 Jack Module

Technical data pages by Spectrum

Keystone RJ 45 socket category 6 UTP fast crimping connection,  
Black



**Part Number: 021208**



Cat6 Unshielded RJ45 Rotating Locking System Keystone Jack Module is designed to terminate 4-pair, 23-26 AWG twisted pair cable. Each module is factory tested to exceed industry standard performance requirements. Contacts are plated with 50 microinches of gold for superior performance. Jacks are individually serialized, and are compatible with keystone interfaces such as faceplates, module a patch panels and surface mount boxes.

## Cat6 RJ45(8P8C) UTP Toolless Keystone Jack Module

The Cat6 keystone toolless style connectors make for a simple installation without the need for a punch down tool. Toolless keystone jacks are an ideal solution for terminating and connecting network cable, such as Cat6 premise wiring, the RJ45 keystone jack snapping into wall plates, patch panels and surface-mount boxes.

### Features and Benefits

- Support IEEE 802.3af/at, Verified IEC 60512-99-001 & IEC 60512-99-002 Test
- Fast Installation without Any Special Punch Tool or Crimping Tool
- Dual-color-coded Labeling for 568A/B (258A) Wiring Schemes
- Gold-plated RJ45 Contacts for Optimal Conductivity
- To Be Used with Keystone Wall Plate or Panel

CAT6 JACK MODULE

# Cat6 Jack Module

Technical data pages by Spectrum

Keystone RJ 45 socket category 6 UTP fast crimping connection,  
Black



## Technical Descriptions

| Characteristics |                  |
|-----------------|------------------|
| Category        | Cat. 6           |
| Cable Type      | Unshielded       |
| Conductor Type  | Solid   Stranded |

| Mechanical characteristics                    |                                             |
|-----------------------------------------------|---------------------------------------------|
| Impact resistance                             | IK 03                                       |
| Penetration against solid bodies and liquids  | IP 20                                       |
| Max. number of connections and disconnections | 5 without refreshing the wiring             |
| Endurance                                     | 2500 movements (plug insertion/withdrawal). |

| Material characteristics |                                                 |
|--------------------------|-------------------------------------------------|
| Contacts                 | Gold/nickel, minimum thickness of gold > 0.8 µm |
| Metal parts              | Bronze, nickel, platinum, gold                  |
| Base                     | Polycarbonate                                   |

| Electrical characteristics |                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------|
| Breakdown voltage          | ≥ 1000 V                                                                                           |
| Contact resistance         | ≤ 20 mΩ                                                                                            |
| Insulation resistance      | ≥ 500 mΩ at 100 VDC                                                                                |
| Tested and independently   | certified to comply with IEC 60512-99-001 and IEC 60512-99-002 for PoE support up to 90 W (Type 4) |

CAT6 JACK MODULE

# Cat6 Jack Module

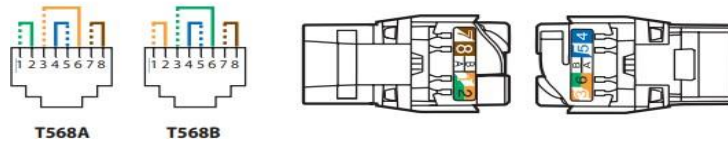
Technical data pages by Spectrum

Keystone RJ 45 socket category 6 UTP fast crimping connection,  
Black

**Spectrum**  
Cables & Systems®

## CONNECTION

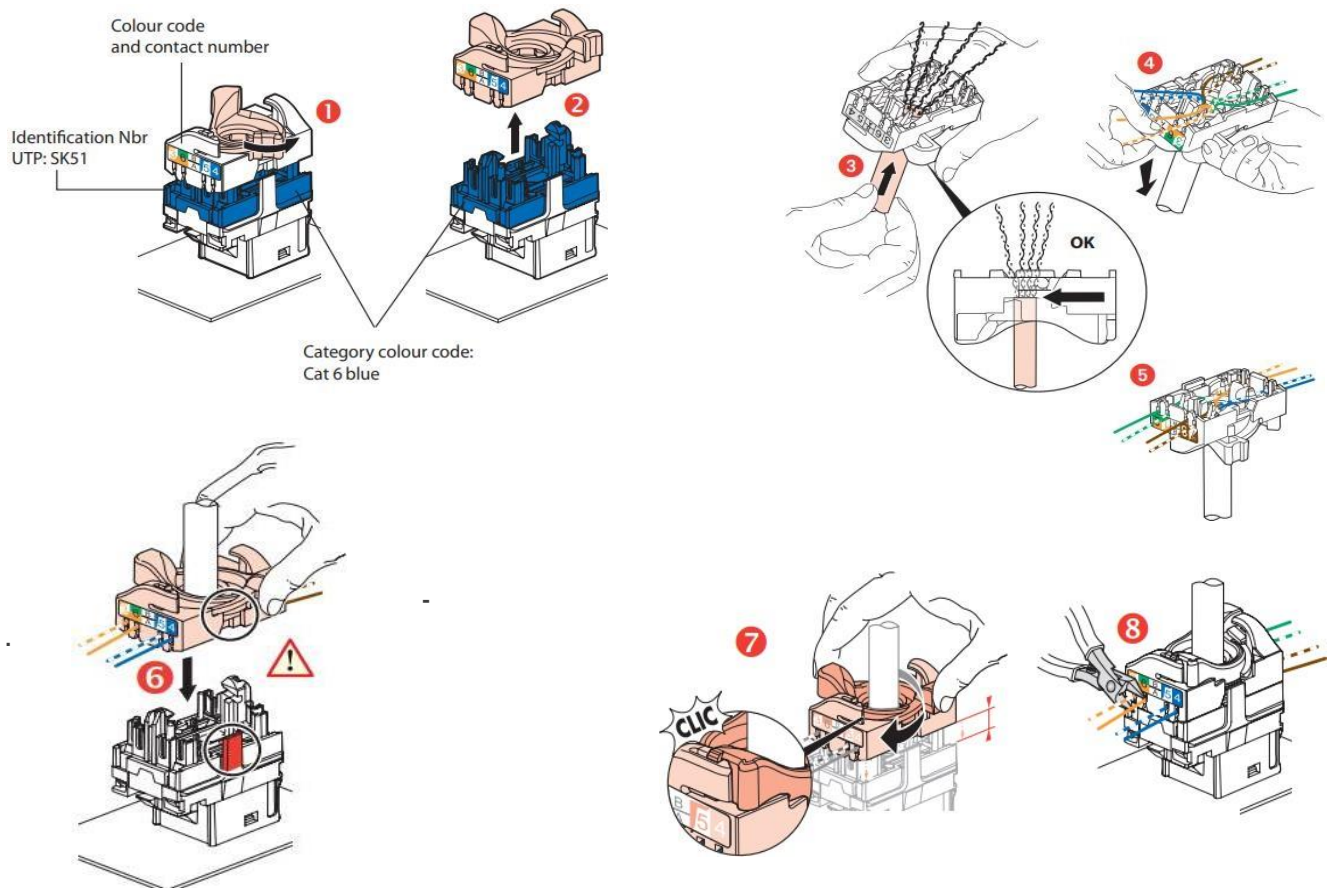
Accepts the following cable connectors: RJ 11 (4 contacts), RJ 12 (6 contacts), RJ 45 (9 contacts). Double color T568A and T568B on terminals: UTP 8 contacts



### Conductors supported:

- Solid/stranded 0.4 to 0.65 mm, AWG 26 to 22
- Polyethylene conductor insulation Ø 0.85 to 1.7 mm on insulation.

RJ 45 connectors are equipped with a rotation locking that does not require special tool and enables re-wiring in the event of error



CAT6 JACK MODULE