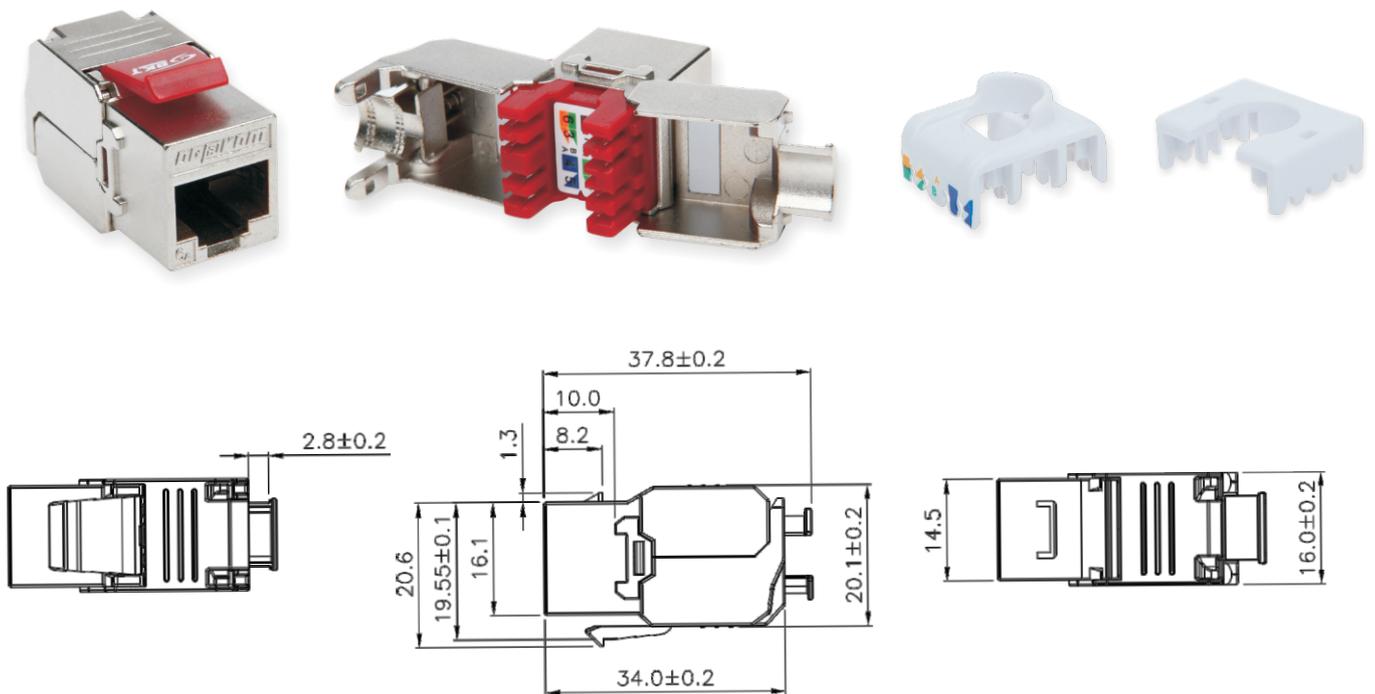


## Technical Specification

Module Keystone BKT RJ45 cat.6<sub>A</sub> tool free

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The RJ45 Module Keystone BKT is used for forming outlets in both flush and surface mounted versions through fitting them adapters also, enables development of modular patch panels for data cabinets.



## Features

- Slot connection IDC for cables with AWG 22 – AWG 26.
- Color-coded terminals according to T568A and T568B schemes.
- Quick and simple installation.
- Keystone BKT modules are equipped with an additional cable organizer tool allows termination by using 110&LSA or a dedicated tool BKT HAT with head 28.
- Conforms with requirements of electromagnetic compatibility EMC.
- Possibility of mounting in a wide range of installation equipment available on the market.
- Dimensions (H x W x D) – 20mm x 16mm x 34mm.

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**ROHS**  
COMPLIANT



## Technical Specification

Module Keystone BKT RJ45 cat.6<sub>A</sub> tool free

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## Physical and mechanical properties

- RJ45 Jack
  - Housing: Zinc Die-Casting with nickel plated.
  - Contact bracket: PC, UL 94-V2, Transparent color.
- RJ45 Jack Contact
  - Material: Phosphor bronze 1.2÷1.5µm nickel plated.
  - Finish: 50 micro-inch 1.2µm gold plated on Plug contact area.
- IDC
  - Housing: PC + Glass Fiber, red color, UL 94-V2.
  - Terminal: Phosphor bronze 1.2µm tin plated.
  - Cover: Zinc Die-Casting with nickel plated.
  - IDC Cap: PC + Glass Fiber, white color, UL 94-V2.
- PCB: FR4, UL 94V-0.
- Grounding contact: Zinc Die-Casting with nickel plated.
- Insertion force: RJ45<9N.
- Retention strength: RJ45>75N.
  
- Specification
  - T568A & T568B wiring map printing in cap and IDC slot.
  - Insertion Force: 30N max.
  - Retention Strength: 7.7 kg between Jack and Plug.
  - Operating Temperature: -10°C to 60°C
- Durability:
  - Jack: 750 cycles plug-jack mating and unmating test, insertion cycles at 20 cycles/minute max. contact resistance test per 100 cycles
  - IDC : Suitable for 22-26 AWG stranded and solid wire compatible with 110&LSA, HAT 28 tool.

## Standards

- PN-EN 50173-1
- EN 50173-1
- ISO/IEC 11801
- ANSI/TIA-568-C.2
- IEC 60603-7-51
- EN 60603-7-51
- RoHS 2 2011/65/EU