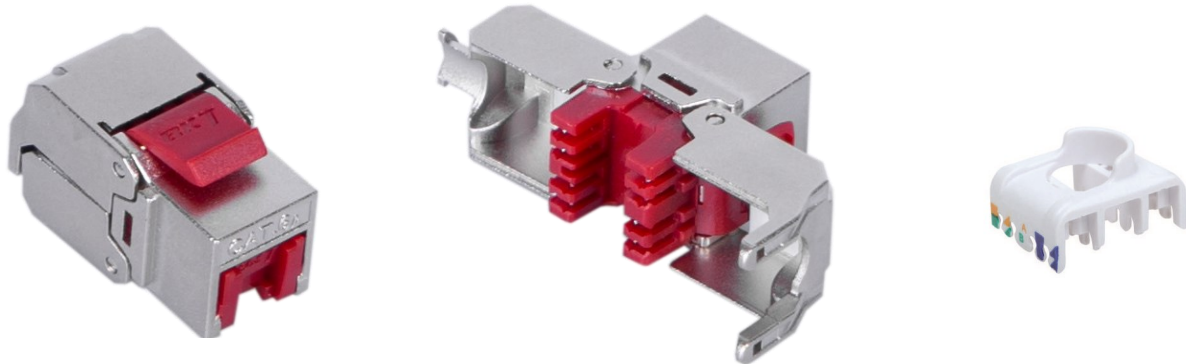


Product Information

BKT RJ45 cat.6_A module, shielded, keystone, toolless only, integrated dust cover

Card No.: PI_11333110_01.21



Application

The BKT RJ45 module is used to build a four-pair copper transmission link and, more specifically, to terminate the link with an RJ45 connector in the form of a socket. The compact BKT RJ45 module, in the universal and popular "keystone" mounting standard, can be used in a wide range of electrical installation equipment used in telecommunications subscriber sockets and enables installation in modular patch panels at distribution points such as IT cabinets. The performance of the solution is confirmed by laboratory testing and a set of design features ensures repeatability and high quality of teletechnical installations.

Features

- Information about the category on the front of the module
- The integrated automatic dust cover of the port protects pins against both dust and mechanical damage
- The "keystone" standard of the module guarantees compatibility with a wide range of electro-installation accessories
- Universal IDC slot connection for solid and stranded wires with 22-26 AWG
- Integrated short circuit protection of conductors
- T568A/B scheme indicated on the tool free organizer
- Color of the keystone mounting latch in accordance with the BKT cabling system performance naming: red = category 6A
- Logo on the "keystone" body to help identify the system manufacturer
- Each set has tool free organizer
- Simplified "keystone" module design enabling installation on a cable with a cable tie
- Fast and easy installation guarantees repeatability of the installation by the installer
- Standards compliance confirmed by tests carried out in independent laboratories
- Certified compliance with PoE standard (PoE, PoE+, 4PPoE)
- Conforms with requirements of electromagnetic compatibility EMC
- 25 years system guarantee
- Compact dimensions (H x W x D) – 20,4 mm x 16 mm x 38 mm
- Tool free assembly method: no special assembly tools needed

Standards

- | | |
|------------------|----------------------|
| • EN 50173-1 | • IEC 60512-99-002 |
| • EN 60603-7-51 | • IEEE 802.3af/at/bt |
| • ISO/IEC 11801 | • ANSI/TIA-568.2 |
| • IEC 60603-7-51 | • RoHS 2011/65/EU |



Product Information

BKT RJ45 cat.6_A module, shielded, keystone, toolless only, integrated dust cover

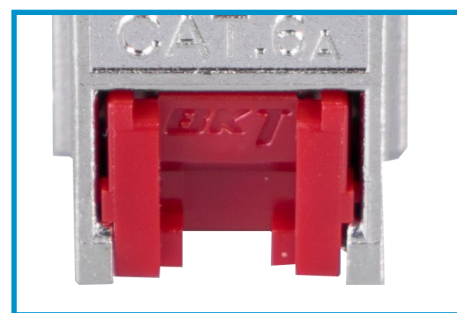
Card No.: PI_11333110_01.21

Special features

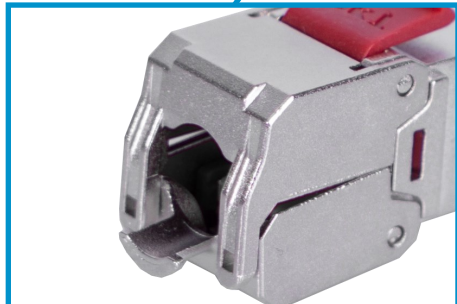
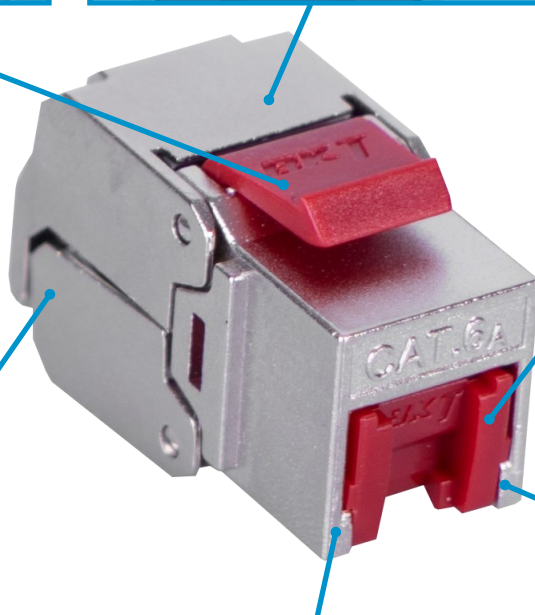
Logo on the keystone body to help identify the system manufacturer

Information about the category on the front of the module

The integrated automatic dust cover of the port protects pins against both dust and mechanical damage



Compact dimensions –
20,4 mm x 16 mm x 38 mm



Simplified keystone module design enabling installation on a cable with a cable tie



Standards compliance confirmed by tests carried out in independent laboratories



Certified compliance with PoE standard (PoE, PoE+, 4PPoE)

Product Information

BKT RJ45 cat.6_A module, shielded, keystone, toolless only, integrated dust cover

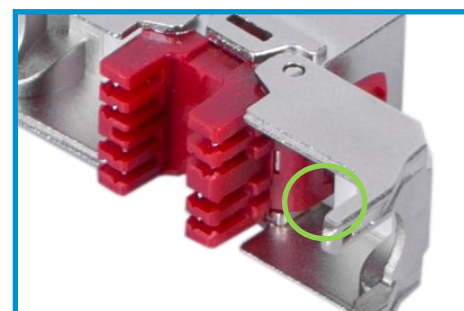
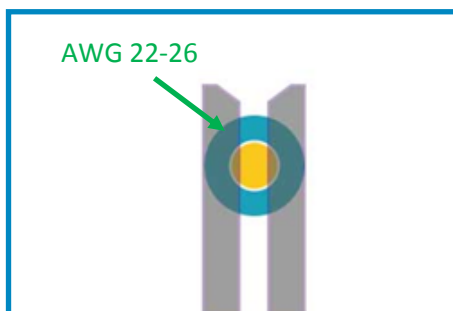
Card No.: PI_11333110_01.21

Special features

T568A/B scheme indicated on the toolless organizer

Universal IDC slot connection for solid and stranded wires with 22-26 AWG

Integrated short circuit protection of conductors

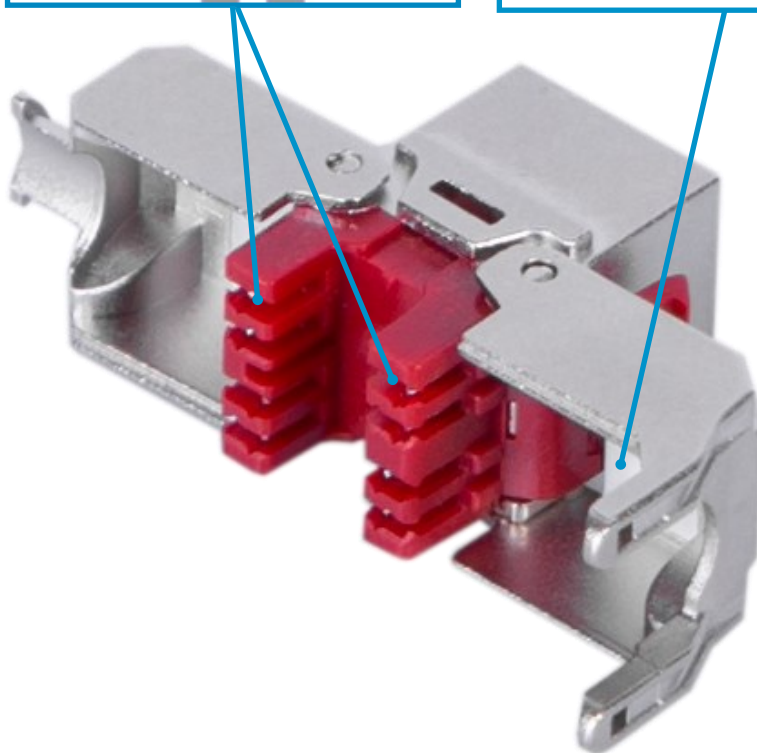


Toolless
organiser



Assembly method

Tool free: no special assembly tools
needed



Product Information

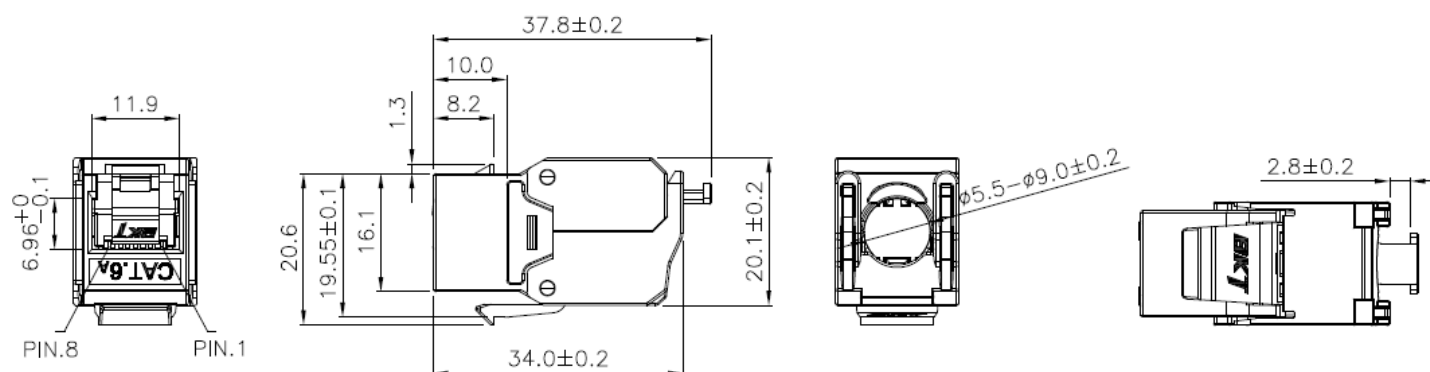
BKT RJ45 cat.6_A module, shielded, keystone, toolless only, integrated dust cover

Card No.: PI_11333110_01.21

Physical and mechanical properties

Performance	T568A & T568B wiring map printing in tool free organizer Insertion force: 30N max Retention strenght: 7,7 kg between jack and plug Operation 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: Max 20 terminations for 22-26 AWG stranded and solid wire
RJ45 Jack	- Housing: Nickel plated die-casting Zinc - Contact bracket: PC, UL 94-V2, transparent color
RJ45 jack contact	- Material: Nickel plated phosphor bronze - Finish: 50 micro inch gold plated on plug contact area
IDC	- Housing: PC + Fiber Glass, UL 94-V2, red - Cover: Nickel plated die-casting Zinc - Terminal : Tin plated phosphor bronze - Organiser: PC + Fiber Glass, UL 94-V2, white
PCB	FR4, UL 94V-0
Shield contact	Nickel plated die-casting Zinc
RJ45 plug insertion force	<9N
RJ45 plug retention strenght	>75N

Dimensions [mm]



Performance / Variants

Index	Product description
11333110	BKT RJ45 cat.6A module, shielded, keystone, toolless only, integrated dust cover