

CAT6 KEYSTONE JACK

PRODUCT NO.: BC6KJ

DESCRIPTION: Cat.6 UTP Keystone Jack

The KAYBE Cat.6 UTP Keystone Jack ensures high-performance network connections with reliable data transmission. Its design allows easy termination and installation in structured cabling systems. Ideal for data centers, office networks, and home installations. The Jack and Housing is made with UL Standards and passes ETL Performance Standards



PRODUCT ATTRIBUTES

- RJ45 8P 8C 50u" Jack
- Supports Termination Of 4-Pair, 22-26 AWG Cables
- Features Universal Labels With Color Coding For T568A And T568B Wiring Standards
- Compatible With 1U 24-Port High-Density Keystone Panels
- 3P/ETL Verified Unshielded Connecting Hardware Compliant With IEC 60603-7, ANSI/TIA-568-C.2, ISO/IEC 11801 And EN 50173-1 Category 6 Specifications

PRODUCT SPECIFICATIONS

RJ45 Jack	Housing: PC, UL94V-0 with Option Color Contact Bracket: PC, UL94V-0 Transparent Colour
RJ45 Jack Contact	Material: Phosphor Bronze with Nickel Plated Finish: 50 micro-inch Gold plated on Plug Contact area
IDC	Housing: PC,UL94V-0 Terminal: Phosphor Bronze with Tin plated IDC CAP: PC, UL94V-0

ELECTRICAL PARAMETERS

Current Rating	1.5 Amps
Insulation Resistance	≥ 500 MΩ
Contact Resistance	≤20 mΩ
DC Resistance	≤ 0.3 Ω
DC/AC Volt Endurance	DC1000V/AC750V 1min

MECHANICAL PARAMETERS

Mating cycles	750 cycles minimum
IDC mating cycles	200 cycles minimum
Operating temperature	-10~60°C
Operating humidity	10%~90%RH
Storage temperature	-40°C TO 68°C

PHYSICALS

Plastic Parts	High quality engineering plastic(PC+ABS、 PC UL94-V0)
PCB	FR-4, 1.2mm Thickness
Jack Wire	Phosphor bronze, 50 μ inch gold plating over nickel in contact area
IDC conductor	100 μ inch nickel plating over phosphor bronze; Operating life: Minimum 250 reterminations
Contact compatibility	Accommodates 23 to 26 AWG solid
TIA Cat.6 Perm.Link Test	Worst Pair NEXT Headroom ≥3.0dB

STANDARDS VERIFICATIONS

ANSI/TIA-568-C.2
ISO/IEC 11801
IEC 60603-7
EN 50173-1 Category 6 specifications

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	PACKAGING
BC6KJ90	Cat.6 90°UTP Keystone Jack	100pcs/box, 10boxes/ctn
BC6KJ180-1	Cat.6 180°UTP Keystone Jack	100pcs/box, 10boxes/ctn
BC6TLKJ180-2	Cat.6 Mini Size 180°UTP Keystone Jack Toolless Type	100pcs/box, 10boxes/ctn