

CAT6A KEYSTONE JACK

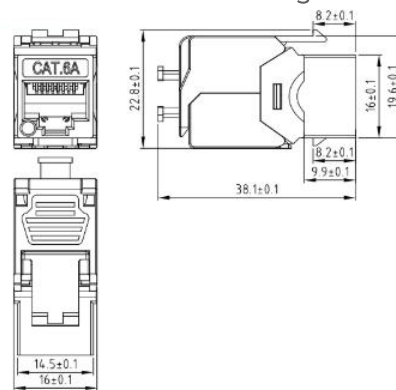
MATERIAL CODE: BC6AUTPKJ180-2

DESCRIPTION: Cat.6A 180° un-shielded keystone jack

The KAYBE Cat.6A 180° Unshielded Keystone Jack provides reliable high-speed network connections with easy installation and consistent performance. Its 180-degree design ensures a compact and efficient fit for structured cabling systems. Perfect for data centers, offices, and home networking applications.



Schematics drawings



ELECTRICAL PARAMETERS

Current Rating	1.5 Amps
Insulation Resistance	≥ 500 MΩ
Contact Resistance	≤10 mΩ
DC Resistance	≤ 0.1 Ω
DC/AC Volt Endurance	DC1000V/AC750V 1min

MECHANICAL PARAMETERS

Mating cycles	750 cycles minimum
Insertion force	30N max
Retention strength	5kg between jack and plug
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
PCB	FR-4, 1.2mm Thickness
Jack Wire	0.35 mm Phosphor bronze gold over nickel plating
IDC conductor	0.5mm Phosphor bronze, tin-plating
Contact compatibility	Accommodates 23 to 26 AWG solid
TIA Cat.6A Perm.Link Test	Worst Pair NEXT Headroom ≥2.0dB

STANDARDS VERIFICATIONS

ANSI/TIA-568.2-D

ISO/IEC 11801 :2002/Amd.2:2010

ISO/IEC 60603-7-41 compliant

ORDERING INFORMATION AS PER FOLLOWS

MATERIAL CODE	DESCRIPTION	PACKAGING
BC6AUTPKJ180-2	Cat.6A 180° un-shielded keystone jack	1000pcs/ctn

PART NO - BC6AKJ180 Series