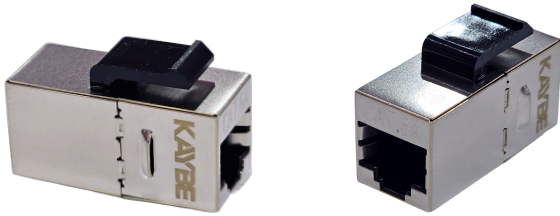


CAT.6A FTP KEYSTONE TYPE COUPLER

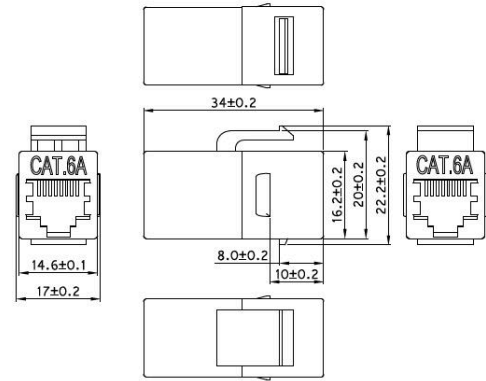
MATERIAL CODE: BC6AFTP-CPL

DESCRIPTION: Cat.6A Shielded FTP Keystone Inline Coupler

The KAYBE Cat.6A FTP Keystone Type Coupler is a shielded inline RJ45 female-to-female coupler designed to join two Cat6A Ethernet cables while maintaining high-speed 10-Gigabit performance. It fits standard keystone wall plates and patch panels, providing a secure, low-loss connection suitable for structured cabling systems in commercial and enterprise network environments.



Schematics drawings



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
Operating temperature	-10~60°C
Operating humidity	10%~90%RH
Storage temperature	-40°C TO 68°C

PHYSICALS

Plastic Parts	High quality engineering plastic
Shield	Nickel plated brass
PCB	FR-4
Jack Wire	Phosphor bronze gold over nickel plating
TIA Cat.6A Perm.Link Test	Worst Pair NEXT Headroom ≥1.0dB

STANDARDS VERIFICATIONS

ANSI/TIA-568.2-D-2018

ISO/IEC 11801-1-2017

YDT926.3-2009

ISO/IEC 60603-7-51

ORDERING INFORMATION AS PER FOLLOWS

MATERIAL CODE	DESCRIPTION	PACKAGING
BC6AFTP-CPL	Cat.6A FTP Keystone Type Coupler	50pcs/box
BC6AFTP-CPL	Cat.6A FTP Keystone Type Coupler	100pcs/box
BC6AFTP-CPL	Cat.6A FTP Keystone Type Coupler	500pcs/ctn

PART NO - BC6AKJ180 Series