

PATCH PANEL - LOADED

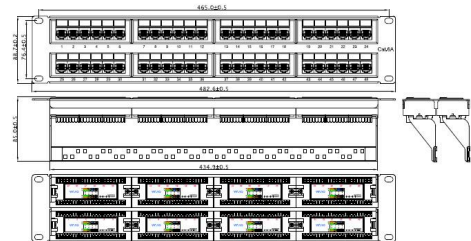
PRODUCT NO.: BC6UPP48L2

DESCRIPTION: CAT6 UTP 48Port Loaded Patch Panel

The KAYBE CAT6 UTP 48-Port Loaded Patch Panel provides high-density network connectivity with reliable performance for high-speed data transmission. Designed for easy cable management, it ensures seamless integration into structured cabling systems. Ideal for data centers, server rooms, and enterprise networks.



Schematics drawings



PRODUCT ATTRIBUTES

- Utilizes Six-Port RJ45 Modules
- Includes ID Stripes For Easy Port Identification
- Enhanced Cable Organization With An Optional Cable Management Bar (Available In Simple Or "I" Slot Types)
- Universal Labels With Color Coding For Both T568A And T568B Wiring Standards

PRODUCT SPECIFICATIONS

Identification	I.D. Plate: PC, Transparent Color with Paper
Panel	SPCC, 1.6 mm thickness with Black (RAL 9005) Colour painted
RJ45 Jack	Housing: PBT+ Glass Fiber UL94V-0 Contact Bracket: PBT+Glass Fiber, UL94V-0, Black Color
RJ45 Jack Contact	Material: Phosphor Bronze with Nickel plated Finish: 50 micro-inch Gold plated on Plug contact area
IDC	Housing: PC, UL94V-2 Terminal: Phosphor Bronze with Tin plated
Jack Bracket Set	ABS
Support Bar	SPCC, 1.6 mm thickness with Black (RAL 9005) Colour painted

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

Panel Frame	SPCC powder coating in black color
Plastic Parts	High quality engineering plastic
PCB	FR-4, 1.6mm Thickness
Jack Wire	0.35 mm Phosphor bronze gold over nickel plating
IDC conductor	0.5mm Phosphor bronze, tin-plating
Contact compatibility	accommodate 23 to 26 AWG solid
TIA Cat.6A Perm.Link Test	Worst Pair NEXT Headroom ≥ 2.0 dB

STANDARDS VERIFICATIONS

ANSI/TIA-568.2-D
ISO/IEC TR 11801-9901-2014
YD/T 926.3-2009
ISO/IEC 60603-7-41

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	PACKAGING
BC6UPP48L2	CAT6 UTP 48Port Loaded Patch Panel	15pcs/ctn
BC6AUPP48L4	CAT6A UTP 48Port Loaded Patch Panel	10pcs/ctn