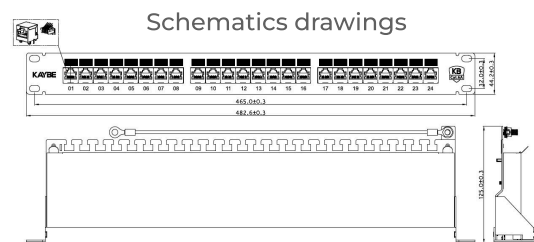
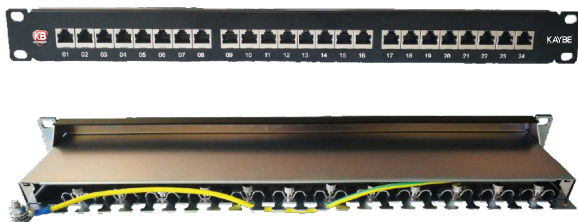


PATCH PANEL - LOADED

PRODUCT NO.: BC6APP24LM1

DESCRIPTION: CAT6A Shielded 24PORT Loaded Patch Panel

The KAYBE CAT6A Shielded 24-Port Loaded Patch Panel ensures high-speed, interference-free data transmission with enhanced shielding against EMI. Pre-loaded with CAT6A-compliant ports, it delivers reliable performance for 10GbE networks. Ideal for data centers, enterprise networks, and structured cabling systems.



PRODUCT ATTRIBUTES

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

PRODUCT SPECIFICATIONS

| | |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Identification | Silk Printing in White Color on Black Panel |
| 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 |
| RJ45 Jack Contact | Material: Phosphor Bronze with Nickel plated Finish: 50 micro-inch Gold plated on Plug contact area Housing: PBT+ Glass Fiber UL94V-0 Terminal: Phosphor Bronze with Tin plated |
| IDC | ABS |
| Jack Bracket Set | SPCC, 1.6 mm thickness with Black (RAL 9005) Colour painted |

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

| | |
|---------------------------|-------------------------------------------|
| Plug Insertion Life | ≥750 Cycles WITH FCC COMPLIANT RJ-45 PLUG |
| Plug & Jack Contact Force | ≥100 Grams WITH FCC COMPLIANT RJ-45 PLUG |
| Plug Retention Force | ≥ 11 lbf |
| Durability | 200 Termination Cycles |
| 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 impact flame retardant plastic, UL 94V-0 rated |
| 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 | Accommodates 26 to 23 AWG solid |

STANDARDS VERIFICATIONS

| |
|-------------------------------------|
| ANSI/TIA-568-C.2 |
| ISO/IEC 11801 :2002/Amd.2:2010 |
| YD/T 926.3-2009 |
| ISO/IEC 60603-7 COMPLIANT |
| RoHS directive 2002/95/EC compliant |

ORDERING INFORMATION AS PER FOLLOWS

| PART NO | DESCRIPTION | PACKAGING |
|-------------|------------------------------------------|-----------|
| BC6APP24LM1 | CAT6A Shielded 24PORT Loaded Patch Panel | 10pcs/ctn |