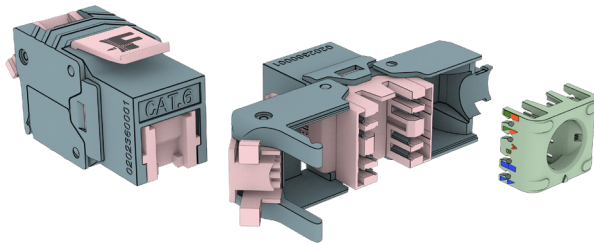


FB-00-S6JK-180SC-SL

Cat.6 Component-rated Keystone Jack



SPECIFICATION SHEET



FARBIN Cat.6/Class E; 8-Position fully shielded **Component-rated** Keystone Jack is designed to terminate 4-pair, 23-26 AWG twisted pair cable and shall not require a punch-down tool. Each keystone jack is **100% factory tested** to exceed optimum industry standard performance requirements.

The shielded keystone jack protects critical data from potential EMI/RFI.

Description

FARBIN FB-00-S6JK-180SC-SL,
Cat.6 Component-rated Tool-less STP
Keystone Jack with Shutter

Standards & Applications

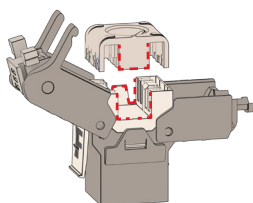
- ANSI/TIA-568.2-D Cat.6
- ISO/IEC 11801-1 Class E
- EN 50173-1 Class E
- ANSI/TIA-1096-A compliant **50μ** of **gold plating**
- IEC 60603-7-1 dimension & reliability requirement
- IEC 60512-99-002:2022
- IEEE 802.3bt PoE Type 4 class 8 (PoE++)
- Cisco UPOE, UPOE+ (90 watts Max)
- Maximum power at PD: 71.3 W

Mechanical Characteristics

Temperature Range:	Operating: -10°C to +60°C
Cable OD Range:	5.5 to 8.5mm
Shielded Housing Material:	Zinc die-casting with nickel plating
IDC Contact Material:	Phosphor bronze with tin plating
IDC Re-installing Cycles:	Min. 20 cycles Mating force: ≤ 30N
Retention strength:	7.7 kg between jack & plug
Durability:	Min. 750 Mating cycles
Cable-clamper:	PC, UL94-V2, Blue
Shutter Material:	ABS+PC, UL94-V0, White

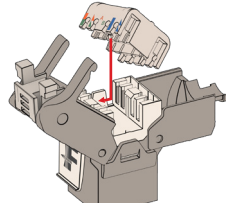
Key Features and Benefits

- Component-rated** Keystone jack independently tested and guaranteed to exceed all component, permanent link and channel margin
- The keystone jack protect critical data from EMI (Electromagnetic Interference) and RFI (Radio Frequency Interference)
- It has been tested as part of FARBIN copper structured cabling system with electrical channel requirements of **4-connector** standard configuration up to 100 meters and exceeds the requirements of standards swept up to **450 MHz** for supporting **Gigabit Ethernet** Transmission over twisted-pair cabling systems
- Robust housing and **Internal shutter** protects the jack in harsh environments
- Without using cable zip ties, the lockable cable clamp in the back of the jack enables proper grounding and reduces the completion time for each termination
- A simple press on the IDC cap to lock the protruded pyramids on the holes before closing the shielded housing of the keystone jack enables equal downward force exerted on the cap
- The new structure design enables short circuits protection by securely separating exposed wires from the shielded housing of the jack



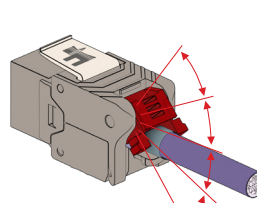
Foolproof Cap

- Prevent cap misplacement
- Secure the cap in the jack



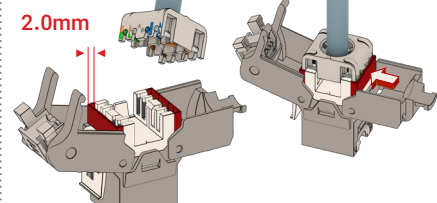
Force-Balance Mechanism

- Easily sit flat on the IDC before terminate the jack



Lock & Go Cable Clamp

- No cable zip ties required
- Easily switch between sizes



Short Circuit Protection

- Securely separating exposed wires from the shielded housing

The information contained in this document is valid and correct at the time of issue. FARBIN reserves the right to modify details without notice in light of subsequent standard/specification changes and ongoing technical developments.