



Cat.5E Shielded Module (Keystone Jack)



Product advantage

- Cat.5E shielded module meets ANSI/TIA 568.2-D Cat.5E、ISO/IEC 11801 2nd Class D and EN 50173 2nd Edition standards, with transmission bandwidth up to 100MHz and UL unit testing certification.
- The module body is formed by metal mold, providing 360° shielding layer, which can achieve the best shielding effect.
- The module is equipped with a rotary dust cover to reduce dust intrusion (IP20 rated) and reduce the failure rate of the module.
- The circuit board IDC terminal adopts the solder free bonding technology (press in), which can effectively reduce the capacitance effect suppress crosstalk.
- The module has EIA color code sticker, which conforms to two wiring methods of T568A and T568B.
- It supports the quick installation mode of the traditional 110 threading tool and the special 4-Pair threading tool (FL-KM18T).
- Comply with RoHS 2011/65/EU environmental protection standards.

Product characteristics

Shell metal material: zinc alloy
 Plastic material in shell: fire resistant ABS (according to UL-94V-0)
 Contact material: copper tin plating
 Contact plating: 50μ Gold Plated / 100μ plate with nickel
 Interface plugging times: >1000
 IDC wiring and termination times: >200
 Plug and pull resistance: minimum 11lbf (50N) between plug and interface
 Contact pressure of plug and interface: 100 grams minimum for each contact
 Operating temperature: -40 °C to +75 °C
 Insulation strength (conductor conductor):1000VAC, 60Hz/1min
 Insulation impedance: >500M ohms (500VDC)
 Contact impedance: <20M ohm
 Rated voltage / current: 150VAC/1.5Ampere

Can be used

10/100Base-TX
 1000Base-T
 155/622 Mbps ATM
 TP-PMD(ANSI X3T9.5 100Mbps)
 4/16Mbps Token Ring
 ISDN
 VoIP
 PoE

Meet the standards

TIA/EIA 568-B.2 Category 5E
 ANSI/TIA 568.2-D Category 5E
 ISO/IEC 11801 2nd Edition
 EN 50173 2nd Edition
 EN 55022 Class B

Order information

Product model	Description	Packing
FL-52KS	Cat.5E RJ45/s Keystone jack 180 degree	1pc/pk
FL-RJSR-02	Keystone Jack Color Shutter,blue	100pcs/pk
FL-RJSR-05	Keystone Jack Color Shutter, yellow	100pcs/pk
FL-RJSR-06	Keystone Jack Color Shutter,red	100pcs/pk