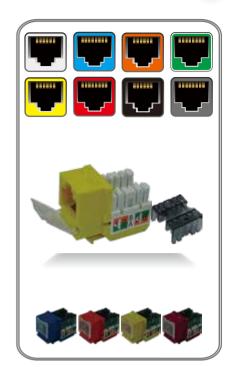# Cat.5E Unshielded Module
(Keystone Jack)

Product advantage

- Cat.5E unshielded module meets ANSI/TIA 568.2−D Cat.5E, ISO/IEC 11801 2nd Class D and EN50173 2nd Edition standards and passed ETL unit testing certification.
- The module is equipped with a rotary dust cover to reduce dust intrusion (IP20 rated). Modules of eight different colors can be selected according to the application requirements, which conforms to TIA− 606 color management standard.
- The circuit board IDC terminal adopts the press in technology, which can effectively reduce the capacitance effect and suppress the crosstalk.
- Provide a tool free crimping cover to prevent the cable from falling off and reduce the poor contact caused by dust.
- The module has EIA color code sticker, which conforms to two wiring methods of T568A and T568B.
- 110/krone wiring tools are compatible with quick connect IDC terminal design, supporting traditional 110 wiring tools and special 4−Pair wiring tools(FL−KM90T/FL−KM18T) quick installation mode. 22~26awg cable can be terminated.
- Comply with RoHS 2011/65/EU environmental protection standards.

Product characteristics

Shell plastic material: fire resistant ABS (in accordance with 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 ℃ to +75 ℃
Insulation strength (conductor conductor):1000VAC, 60Hz/1min
Insulation impedance: >500M ohms (500VDC)
Contact impedance: <20M ohms
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−51KU−XX	Cat.5E RJ45/u Keystone jack 90 degree	1pc/pk
FL−52KU−XX	Cat.5E RJ45/u Keystone jack 180 degree	1pc/pk
FL−KCAP−V	90 degree Keystone jack IDC block cap	50pcs/pk
Color code−XX	01 02 03 04 05 06 07 08	