



STRUCTURED CABLING SYSTEMS

DIGISOL Keystone Jack, Cat6 UTP, Punch Down Type Without Door

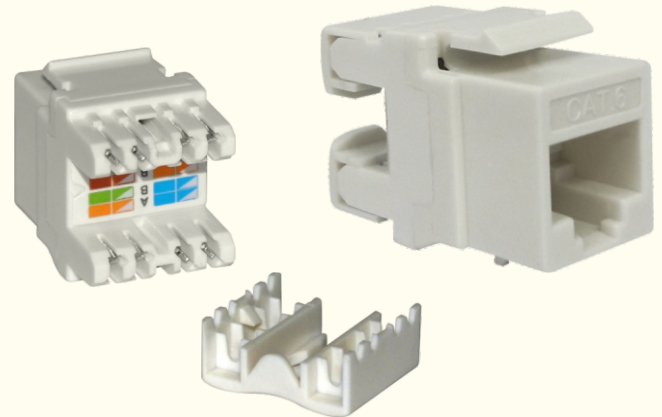


Introduction:-

DIGISOL Category 6 Unshielded RJ45 Keystone jack punch down type without door is compatible with any product. It is designed for easy snap-in and out in wall plates and patch panels. The jacks designed in 180° style are easy to terminate with industry standard punch down tool. This jack is provided with wiring cap for proper securing of terminated wires and routing of cables. Both wiring scheme T568A and T568B can be used.

Key Features:-

- High and Reliable Performance
- Skilled Design on Jack and PCB
- Small & Exquisite form factor
- Keystone jack can be easily terminated by standard punch down tool
- Support both RJ11/RJ12 Plug
- Ergonomic Design and Easy Termination



Technical Specifications:-

Electrical:-

- Current Rating : 1.5 Amps
- Insulation Resistance : $\geq 500 \text{ M}\Omega$
- Contact Resistance : $\leq 20 \text{ m}\Omega$
- DC Resistance : $\leq 0.3 \Omega$
- DC/AC Volt Endurance : DC 1000V/AC 750V 1 Min

Mechanical:-

- 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 : $\geq 11.0 \text{ lbf}$
- Durability : 200 Termination Cycles
- Operating Temperature : -10°C to $+60^\circ\text{C}$
- Operating Humidity : 10% ~ 90% RH
- Storage Temperature : -40° to $+150^\circ\text{F}$ (-40° to $+68^\circ\text{C}$)

Physical:-

- Housing : High Impact Flame Retardant Plastic, Polycarbonate (UL 94V-0 rated)
- PCB : FR-4, 1.2mm Thickness
- Jack Wire Terminals : 0.35 mm Phosphor bronze with nickel plated (Base Material)
- IDC Terminals : 0.50 mm Phosphor bronze (Base Material),
- (Insulation displacement connector) : 100 μ ” Tin plating
IDC accepts #23~24 AWG solid copper wire

Standard Verification:-

- Qualified unshielded Class E/Cat.6
- Channel ANSI/TIA-568-C.2
- IEC 60603-7 compliant
- ISO/IEC 11801 2.2 Edition
- RoHS Compliant

Ordering Information:-

Product Code	Description
DGC-KS6UWH-C	DIGISOL KEYSTONE,CAT6 UTP,PUNCHDOWN,W/O DOOR, WHITE
DGC-KS6UBL-C	DIGISOL KEYSTONE,CAT6 UTP,PUNCHDOWN,W/O DOOR, BLUE
DGC-KS6UYL-C	DIGISOL KEYSTONE,CAT6 UTP,PUNCHDOWN,W/O DOOR, YELLOW