CAT 6 INFORMATION OUTLET

ZYIOM6001005Y

Zyxel Category 6 UTP Cabling System combines the latest innovations in network connectivity. It works well for 24 Port patch panels and all types of outlets. Zyxel Keystone Jacks are suitable for all types of connection between the hub room and working area meeting the T568 A and T568 B cabling systems and are very compact in appearance.

Category 6 RJ45 keystone jacks I/O conform to class E performance. The Press-Fit technology is able to complete the insertion of the IDC and RJ-45 contacts into a PTH (Plated-Through Hole) on a PCB (Printed Circuit Board). The connection is established without using solder. Press-Fit technology connections avoid quality problems such as cold Spots, voids, splatters, and cracks and its highly reliable than soldering. Press-Fit technology does not use Solder, it uses no lead (Pb) and there is no extra heat on the connections, it makes the connections clean, Reliable, and meets RoHS standards.

Application

- 1000BASE-TX Gigabit Ethernet
- 100BASE-TX Fast Ethernet
- 10BASE-T Ethernet
- 155 Mbps ATM
- 622 Mbps ATM
- Token Ring
- Voice, Video and other applications

Specifications

Electrical Specification	
Standards	ISO/IEC 11801:2002, EN 50173:2002 and ANSI/EIA/TIA 568-B.2-1, 568-C.2 both in Channel and individual Link Performance. IEC 60603-7-4, ISO/IEC 11801 and EN 50173-1 Category 6
Product Type	Unshielded
Current Rating	1.5A @ 20°C
Insertion Force	20N(Max)
Insulation Resistance	>100 MΩ
Contact Resistance Variation	20 mΩ
Dielectric Strength	750 VAC RMS @ 60Hz
Compatibility	PoE and PoE+ compatible according to IEC 60512-99-00
Safety Voltage Rating	150 vac (max)

General Type Specification	
Compatible Wire Gauge – Solid Wire	AWG 24 – AWG 22
Compatible Wire Gauge – Stranded Wire	AWG26 – AWG 24
Operating temperature range	-10°C to 60°C
Storage temperature range	-40°C to 70°C
Humidity	95% (non-condensing)
IDC Contact material	Phosphor Bronze(Tin over nickel)
IDC Contact surface	>0.50 μm gold over >1.2 μm nickel
Housing material	ABS High Impact (UL-94-V0) Thermoplastic
Number of IDC* connections	8 / jack
IDC contact material	C53400, tin-plated
Contact Compatibility	AWG26 - AWG22
Contact Housing	PC + Glass Fiber, UL-94-V2
PCB Material	FR-4, Thermoplastic UL94 V-0
Insertion Cycle	750 times
Displacement Contact Life	200 times
Colors Availability	Yellow, Blue, White and Black
Jack Type	Un-shuttered

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