



### Description

HCS DataLink 100E patented unshielded copper RJ-45 keystone jack series includes high performance Category 5E snap-in 8-position/8-contact (8P8C) jacks conforming to IEC 60603-7-2 (unshielded 100 MHz connectors).

HCS DataLink 100E jacks are designed for fast and easy snap-in and out of wall plates, patch panels and surface box outlets.

All HCS DataLink 100E jacks are designed in a 90° formation and are available with back interconnection of 110 IDC blocks or special LSA-Plus/110 IDC combination blocks in T568A, T568B or Universal pin/pair assignment.

All jacks fully conform to ANSI/TIA/568-C.2 Category 5E, CENELEC EN 50173 and ISO/IEC-11801 (2nd Edition) requirements.

The HCS Logo and the DataLink 100E Trademark ensure long lasting high-performance and full support of all relevant applications, including 1000BASE-T (Gigabit-Ethernet).

### Applications

HCS DataLink 100E unshielded copper RJ-45 keystone jacks are used in wall plates, patch panels and surface box outlets and they fully support all relevant LAN applications, including the following protocols:

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> 1000BASE-T Gigabit Ethernet | <input checked="" type="checkbox"/> 100BASE-TX                    | <input checked="" type="checkbox"/> Broadband and Baseband Video  |
| <input checked="" type="checkbox"/> ATM 155                     | <input checked="" type="checkbox"/> Token Ring 100 Mbps           | <input checked="" type="checkbox"/> ISDN Basic and Primary Access |
| <input checked="" type="checkbox"/> TP-PMD                      | <input checked="" type="checkbox"/> ATM 52                        | <input checked="" type="checkbox"/> 1BASE-5 Starlan               |
| <input checked="" type="checkbox"/> 100BASE-T Fast Ethernet     | <input checked="" type="checkbox"/> ATM 25                        | <input checked="" type="checkbox"/> ISALAN                        |
| <input checked="" type="checkbox"/> 100BASE-T2                  | <input checked="" type="checkbox"/> 10BASE-T Ethernet             | <input checked="" type="checkbox"/> ITU V.21 and X.11             |
| <input checked="" type="checkbox"/> 100BASE-T4                  | <input checked="" type="checkbox"/> Token Ring 4 Mbps and 16 Mbps |   |

### Qualifications and Approvals

HCS DataLink 100E jacks are supported by the Century™ Lifetime Warranty and by the DoubleSafe™ QA program as a part of complete HCS cabling system.

HCS DataLink 100E jacks comply to IEC 60603-7-2 (unshielded 100 MHz connectors) and to the following standards:

TRANSMISSION	EMC	SAFETY
<input checked="" type="checkbox"/> ANSI/TIA/568-C.2	<input checked="" type="checkbox"/> EN-55022, Class B (Europe)	<input checked="" type="checkbox"/> UL94 V-0 plastic materials
<input checked="" type="checkbox"/> ISO/IEC-11801	<input checked="" type="checkbox"/> FCC Part 68	<input checked="" type="checkbox"/> Zero-halogen in LSOH constructions

### Benefits & Features

- ➔ Exceptional material properties and design - Providing a unique Century™ Lifetime Warranty.
- ➔ Patented 90° or 180° design - Providing easier access, better and faster wire connection.
- ➔ Detailed installation manual in English and Turkish - Providing clear and comprehensive instructions.
- ➔ Exceeding Category 5E performance - Providing full support to Gigabit Ethernet.
- ➔ Robust and installer-friendly design - Providing reduced installation and operating costs
- ➔ Compatible with 22-26 AWG solid or stranded conductors - Providing support to a wider range of cabling types.
- ➔ Available in T568A, T568B or Universal pin/pair assignment - Providing a wider product range.
- ➔ Unique DoubleSafe™ Quality Assurance Program - Providing lowest rejection rate available.

### GENERAL PROPERTIES

Housing Material	High impact, Flame-retardant plastic compound, UL 94 V-0.
Jack Contacts Material	50 micro-inches gold plating over 100 micro-inches nickel plated copper alloy.
Environmental Conditions	-40 to +60C at 0-90% RH (Non condensing)
Packaging	50 or 100 Units per box.
Plug Retention Force	14 Kgf (140N) min.
Plug to Jack Contact Force	100 gr min. (using HCS approved plug).
Storage Temperature	-20 to +80C
Plug Insertion Durability	750 mating cycles
Conductor Compatibility Range	22 to 26 AWG, solid or stranded
Standard Color	White RAL 1013. Other colors available upon request.