



Description

HCS DataLink 100E patented shielded copper RJ-45 keystone jack series includes high performance Category 5E snap-in 8-position / 8-contact (8P8C) jacks conforming to IEC 60603-7-3 (shielded 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 and are fully shielded with high quality, corrosion resistant metal shield case. 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 shielded 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:

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|---|---|---|
| <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 60603-7-3 (shielded 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 material
<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° design - Providing easier access, better and faster wire connection.
- ➔ High quality corrosion-resistant metal shield casing - Providing excellent EMC (Electro Magnetic Compatibility), minimizing radiation and maximizing noise immunity.
- ➔ 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.
Overall Shield	Fully shielded corrosion-resistant metal casing.
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.