



Description

HCS DataLink 250E patented shielded copper RJ-45 tool-less keystone jack series includes high performance Category 6 snap-in 8-position/8-contact (8P8C) jacks conforming to IEC 60603-7-5 (shielded 250 MHz connectors).

These snap-fit keystone modular jacks have a tool-free design that does not require a punch-down tool during cable termination.

HCS DataLink 250E jacks are designed for fast and easy snap-in and out of wall plates, patch panels and surface box outlets.

All HCS DataLink 250E jacks are designed in a 90° formation and are color-coded for both T568A and T568B on the wire terminal for ease of installation.

All jacks are fully shielded with high quality, corrosion resistant die-cast metal shield.

All jacks conform to and provide a substantial margin above ANSI/TIA-568-C.2 and ISO/IEC-11801 (2nd Edition) Category 6 component requirements.

The HCS Logo and the DataLink 250E Trademark ensure long lasting high-performance and full support of most applications, including 1GBASE-T (Gigabit-Ethernet).

Applications

HCS DataLink 250E shielded copper tool-less 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"/> 100BASE-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 250E jacks are supported by the Century™ Lifetime Warranty and by the DoubleSafe™ QA program as a part of complete HCS cabling system.

HCS DataLink 250E tool-less jacks comply to IEC 60603-7-5 (unshielded 250 MHz connectors) and to the following standards:

TRANSMISSION	EMC	SAFETY
<input checked="" type="checkbox"/> ANSI/TIA/568-C.1	<input checked="" type="checkbox"/> EN-55022, Class B (Europa)	<input checked="" type="checkbox"/> UL94 V-0 rated plastic materials
<input checked="" type="checkbox"/> ANSI/TIA/568-C.2	<input checked="" type="checkbox"/> FCC Part 15, Subpart J, Class A (USA)	<input checked="" type="checkbox"/> Zero-halogen in LSOH constructions.
<input checked="" type="checkbox"/> ISO/IEC-11801		

Benefits & Features

- Tool-free design - Providing easy cable termination without any punch-down tool.
- Exceptional material properties and design - Providing a unique Century™ Lifetime Warranty.
- High quality corrosion-resistant metal shield casing - Providing excellent EMC (Electro Magnetic Compatibility), minimizing radiation and maximizing noise immunity.
- Patented 90° design - Providing easier access, better and faster wire connection.
- Detailed installation manual in English and Turkish - Providing clear and comprehensive instructions.
- Exceeding Category 6 performance - Providing full support to Gigabit Ethernet on Category 6.
- Robust and installer-friendly design - Providing reduced installation and operating costs
- Compatible with 22-24 AWG solid or stranded conductors - Providing support to a wider range of cabling types.
- 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	50µ-inches gold plating over 100µ-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 24 AWG, solid or stranded