



Description

HCS DataLink 100e RJ-45 jack adapters are high performance Category 5e 8-contact adapters enabling connection between two RJ-45 plugs. All adapters fully support the transmission properties of ANSI/TIA-568-C.2 Category 5e, CENELEC EN 50173 and ISO/IEC-11801 (2nd Edition) when inserted into Category 5e channels. HCS DataLink 100e RJ-45 jack adapters are available in an unshielded version and in a fully shielded version, made 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 present and emerging applications, including 1000BASE-T (Gigabit-Ethernet).

Applications

HCS DataLink 100e shielded copper RJ-45 tool-less keystone jacks are used in wall plates, patch panels and surface box outlets and they fully support all presently available 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"/> 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 RJ-45 jack adapters are supported by the Century™ Lifetime Warranty and by the DoubleSafe™ QA program as a part of complete HCS cabling system. HCS DataLink 100e RJ-45 jack adapters comply to the following standards:

TRANSMISSION

- ANSI/TIA/568-C.2
- ISO/IEC-11801

EMC

- EN-55022, Class B (Europe)
- FCC Part 68

SAFETY

- UL94 V-0 rated plastic material
- Zero-halogen in LSOH constructions.

Benefits & Features

- ➔ 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.
- ➔ 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 all CAT 5e plugs - providing support to a wider range of cabling types.
- ➔ Unique DoubleSafe™ Quality Assurance Program - providing lowest rejection rate available.

GENERAL PROPERTIES

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|----------------------------|--|
| 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. |
| Overall Shield | Fully shielded corrosion-resistant metal casing. |
| 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 |