



Description

HCS DataLink 16 connector series includes a wide range of shielded and unshielded copper modular plugs and jacks for low data rates and voice applications. The range of products includes plugs and jacks suitable for 2-5 pair, round or flat cables with stranded or solid conductors, 24 to 26 AWG. All plugs can be terminated with the HCS standard tools. When tested in mated position, the HCS DataLink 16 connectors fully conform to all Category 3 ANSI/TIA/568-C.2 requirements.

The HCS Logo and the DataLink 16 Trademark ensure long lasting high-performance and full support of all relevant applications.

Applications

HCS DataLink 16 connectors support the following protocols:

- 10BASE-T Ethernet
- Token Ring 4 Mbps
- Broadband and Baseband Video
- ISDN Basic and Primary Access
- 1BASE-5 Starlan
- ISALAN
- ITU V.21 and X.11
- Voice applications

Qualifications and Approvals

HCS DataLink 16 connectors are supported by the DoubleSafe™ QA program as a part of complete HCS cabling system.

HCS DataLink 16 connectors comply to the following standards:

TRANSMISSION

- ANSI/TIA/568-C.2
- FCC Part 15, Subpart J, Class A (USA)

EMC

- EN-55022, Class B (Europe)
- Zero-halogen in LSOH constructions

SAFETY

- UL94 V-0 rated plastic materials

Benefits & Features

- ➔ Exceptional material properties and design - Providing a most reliable termination.
- ➔ Available in many colors and shades - Providing custom color selection.
- ➔ Detailed installation manual in English and Turkish - Providing clear and comprehensive instructions.
- ➔ Exceeding Category 3 performance - Providing full support of all DSL modems, ISDN and all voice applications.
- ➔ Robust and installer-friendly design - Providing reduced installation and operating costs
- ➔ Compatible with 24-26 AWG solid or stranded conductors - Providing support to a wider range of cabling types.
- ➔ Unique DoubleSafe™ Quality Assurance Program - Providing lowest rejection rate available.

PHYSICAL AND MECHANICAL PROPERTIES

Housing Material	Polycarbonate, rated UL 94 V-0.
Contacts	Gold plating over nickel plated metal.
Environmental Conditions	-40 to +60C at 0-90% RH (Non condensing)
Packaging	50-100 units per bag.
Cable to Plug Tensile Strength	9 Kgf (90N) min.
Plug to Jack Contact Force	100 gr min. (using HCS approved jacks).
Operating Temperature	-20 to +80C
Plug Insertion Durability	750 mating cycles
Color	Transparent. Other colors available upon request.