



Description

HCS DataLink 500A pre-terminated shielded cassette assemblies consist of six LS0H 4-pair S/FTP horizontal LAN cables bundled together, designed for fast and easy installation in data-centers and other high-density locations.

Full conformance to TIA-568-C Category 6A and ISO/IEC 11801 Class EA is guaranteed by the selection of Category 6A, Category 7 or Category 7A ETL verified components and by 100% testing of each assembly prior to shipment.

HCS DataLink 500A cable assemblies are bundled with special halogen-free and flame-retardant semi-loose sleeves providing limp and easy-to-bend, re-shapeable bundles, which are ideal for tight places and high-density locations.

The bundles are marked on both sides with numbered labels for fast and easy identification.

HCS DataLink 500A pre-terminated shielded cassette assemblies are in full compliance with TIA-942, ISO/IEC 24764 and EN 50173-5. The standard cable jacket color is gray (RAL 7035). Other colors available upon request. The standard flame test is IEC 60332-1. IEC 60332-3-24 is available upon request.

Applications

HCS DataLink 500A cable assemblies support all presently available LAN applications, including the following protocols:

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> 10GBASE-T 10 Gigabit Ethernet | <input checked="" type="checkbox"/> 100BASE-T4 | <input checked="" type="checkbox"/> Token Ring 4 Mbps and 16 Mbps |
| <input checked="" type="checkbox"/> 1000BASE-T 1 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 |

Qualifications and Approvals

HCS DataLink 500A pre-terminated shielded cassette assemblies are 100% tested and verified for full compliance with the following standards:

- Category 6A Permanent Link according to ANSI/TIA-568-C.2
- Class EA Permanent Link according to ISO/IEC-11801 (2nd Edition)
- Class EA Permanent Link according to CENELEC EN 50173.

Benefits & Features

- Testing every assembly prior to shipment - providing the highest degree of quality assurance.
- Custom-made designs - providing the exact assembly needed for every job and location.
- Unique LS0H sleeves - providing limp, easy to re-shape and install assemblies, ideal for data-centers.
- Exceptional material properties and cable design - providing the highest degree of reliability.
- High Return Loss and NEXT Loss values - providing low BER (Bit-Error-Rate) in all applications.
- Extremely high pair-balance and shield - providing excellent alien crosstalk loss and noise immunity.
- Revolutionary pair lay scheme - providing an extremely low delay skew.
- All Category 6 verified components - providing full backward compatibility and interoperability.
- 100% LS0H assemblies - providing safe usage in high-density and closed location.
- Unique DoubleSafe™ Quality Assurance Program providing lowest rejection rate available.