



Description

HCS DataLight series includes a complete line of Local Area Network (LAN) fiberoptic cables for high transmission rates including voice, data and video. All HCS DataLight cables are produced and rigorously tested to conform to most international standards.

HCS DataLight Armored Multi-Tight-Distribution (MTD) cable series provides outstanding design for outdoor installations in harsh conditions. These cables consist of 2-12 buffered fibers, cabled, served with water-blocking swellable aramid yarns and inner jacketed with black, UV resistant LS0H compound.

A layer of corrugated steel armor covered with a black, UV resistant PE outer jacket render the cable suitable for harsh environments and rodent-infested areas.

HCS DataLight cables fully conform to and provide a substantial margin above all relevant TIA/EIA and IEC standards.

Optional fibers available: Multimode 50/125 microns (OM2, OM3 & OM4), 62.5/125 microns and Singlemode fibers.

Applications

HCS DataLight cables can be used for various application including the following:

- ☑ Heavy-duty armored indoor/outdoor LAN cable
- ☑ Direct burial campus backbone cable
- ☑ Outdoor plant duct installation cable

HCS DataLight cables support all presently available LAN applications, including the IEEE802.3z protocols for Gigabit Ethernet, 1000BASE-SX (Short wavelength Gigabit Ethernet) 1000BASE-LX (Long wavelength Gigabit Ethernet) & IEEE 802.3ae 10GBASE-SR/SW 10GBASE-LX4 (10 Gigabit Ethernet).

Qualifications and Approvals

HCS DataLight Cables are tested and verified for full compliance with the following standards:

- ☑ ANSI/TIA-568.3-D
- ☑ ISO/IEC 11801 (2nd Edition)
- ☑ CENELEC EN50173
- ☑ EIA/TIA-455
- ☑ IEC 60332-1
- ☑ IEC 60754
- ☑ IEC 60793
- ☑ IEC 60794

Benefits & Features

- ➔ Exceptional material properties and cable design - Providing a unique Century™ Lifetime Warranty.
- ➔ Tight or Semi-tight 900 microns buffered fibers - Providing easy, fast and trouble-free termination and use of field-installable connectors.
- ➔ Halogen-free, flame retardant, UV, rodent and water resistant construction - Providing a single cable suitable for most outdoor locations.
- ➔ Dry, jell-free longitudinal water blocking - Providing easy and clean cable and fiber termination.
- ➔ Crisp and clear color coding - Providing positive fiber identification and ease of termination.
- ➔ Descending sequential meter mark - Providing easy stock and left-over handling.
- ➔ Corrugated steel armor with a rip-cord - Providing easy and comfortable cable handling and jacket removal.
- ➔ Batch number printed every meter - Providing fast retrieval of test results from data-base.
- ➔ A comprehensive product range - Providing all state-of-the-art cable constructions.
- ➔ Unique DoubleSafe™ Quality Assurance Program - Providing lowest rejection rate available.