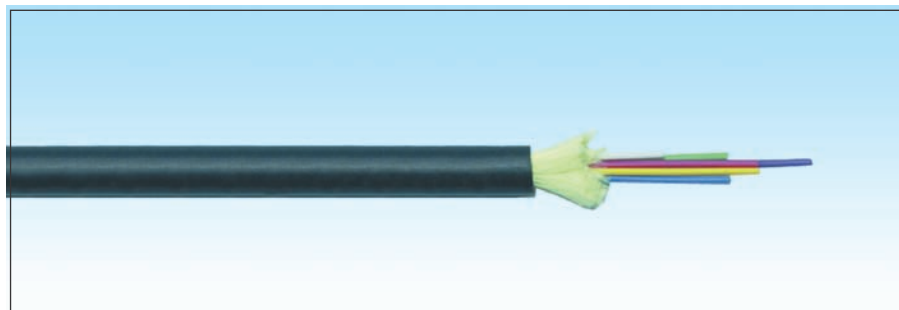


Indoor/Outdoor Multi-Tight Distribution Fiber Optic Cables



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 Indoor/Outdoor Multi-Tight-Distribution (MTD) cable series provides the ultimate solution for all types of installations and application. These cables consist of 4-72 buffered fibers, cabled, served with water-blocking swellable aramid yarns and jacketed with black, UV resistant LSOH compound. 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:

- General purpose all-dielectric indoor LAN cable
- Distribution to Riser cabling - direct connectorization
- In-building backbone and riser, optimized for Centralized Cabling (TIA TSB-72)
- Short distance distribution and trunking
- Office wiring

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:

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> ANSI/TIA/568-C.3 | <input type="checkbox"/> IEC 60332-1 |
| <input type="checkbox"/> ISO/IEC 11801 (2nd Edition) | <input type="checkbox"/> IEC 60754 |
| <input type="checkbox"/> CENELEC EN50173 | <input type="checkbox"/> IEC 60793 |
| <input type="checkbox"/> EIA/TIA-455 | <input type="checkbox"/> 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.
- ✓ All-dielectric construction - providing perfect EMC (Electro Magnetic Compatibility) and total noise immunity.
- ✓ Halogen-free, flame retardant, UV and water resistant construction - providing a single cable suitable for all types of installations.
- ✓ Dry, jelly-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.
- ✓ Smooth, limp and flexible jacket - providing easy and comfortable cable handling.
- ✓ 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.