



Description

HCS DataLight MPO Assemblies series contain a full range of high quality assemblies factory terminated with MPO connectors.

HCS DataLight MPO Assemblies are available with most fiber types including Singlemode 9/125 microns, Multimode 50/125 microns (OM2, OM3 and OM4) and Multimode 62.5/125 microns fibers in any length required.

The assemblies are available with different cable types and colors, including bare ribbon cables, jacketed ribbon cables, ruggedized (trunk) ribbon cables and indoor MTD cables, with 12 fibers.

HCS DataLight Patch Cords and Pigtailed comply with both major industry standards, ANSI/TIA-568-C.3 (Optical Fiber Cabling Components Standard) and IEC 60874 (Connectors for optical fibers and cables) and they are supported by the DoubleSafe™ QA program as a part of complete HCS cabling system.

Applications

- ☑ Mission critical applications such as Data Centers and Storage Area Networks
- ☑ Applications where fast installation is paramount
- ☑ Environments where moves adds and changes are frequent or managed in-house
- ☑ FiberOptic cross connect, patch panels, and distribution point connection
- ☑ ODF connections
- ☑ Fiber to the desk connection
- ☑ Active FiberOptic equipment connection

Qualifications and Protocol Support

HCS DataLight components are supported by the DoubleSafe™ QA program as a part of complete HCS cabling system and comply to ANSI/TIA-568-C.3 (Optical Fiber Cabling Components Standard) and IEC 60874 (Connectors for optical fibers and cables).

HCS DataLight MPO Assemblies are designed to support a variety of high-speed network topologies including:

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| ☑ IEEE 802.3 10GBase-SR/SW 10Gbps | ☑ IEEE 802.3 1000Base-SX/LX 1Gbps |
| ☑ IEEE 802.3 10GBase-LX4 10Gbps | ☑ FDDI 100Mbps |
| ☑ Fiber Channel 400-M5-SN-1 4Gbps | ☑ IEEE 802.3 FOIRL 10Mbps |
| ☑ Fiber Channel 1200-M5E-SN1 10Gbps | ☑ IEEE 802.3 10Base-F 10Mbps |
| ☑ Fiber Channel FC-PH 1Gbps | ☑ ATM 155 Mbps, 622 Mbps, 1.2 Gbps & 2.4 Gbps |

Benefits & Features

- ➔ Premium factory-controlled optical performance - enables flexible system configuration and fast installation.
- ➔ Low Smoke Zero Halogen allows for routing cables in any indoor environment
- ➔ Industry-leading low insertion loss (0.30dB max.)
- ➔ Each and every assembly pre-tested before shipment.
- ➔ Round, flexible outer jacket is easy to bend, route and install.
- ➔ Full compliance to industry standards - Providing high quality components.
- ➔ Available with all major fiber types - Providing a wide range of products.
- ➔ Robust design - ensuring long life and short replacement rates.
- ➔ Unique DoubleSafe™ Quality Assurance Program - Providing lowest rejection rate available.