



Description

Phy-FiXX™ is a revolutionary and advanced physical layer management suit providing enterprises with the ability to manage their Physical Layer infrastructure with a level of visibility & integration unique in the structured cabling industry. Using a combination of software, electronics and structured cabling products, Phy-FiXX™ enables users to track and manage their investment from planning through to design, procurement, installation, moves, adds and changes (MACs) and the eventual upgrade of the infrastructure, thereby spanning its entire lifecycle.

HCS Phy-FiXX™ Modular Managed 24-Port Duplex LC FO Patch Panels are used within the Phy-FiXX™ System. Each 1U 24 Port Patch Panel has one data bus connection port located inside of the panel.

The data bus connection port connects the panel to the Phy-FiXX™ scanner via a standard RJ45 patch cord. The patch panel is used by the Phy-FiXX™ system to track connectivity in the patch zone and work area. LED status indicators on the panel show status of connectivity between the panel and the scanner and also provide panel guidance for work orders.

The adapter interface contains 24 duplex LC ports with Singlemode or Multimode options. The patch panel works as a conventional patch panel when not connected to the Phy-FiXX™ system.

All Phy-FiXX™ patch panels fully conform to and provide a substantial margin above all ANSI/TIA-568.3-D and ISO/IEC-11801 (2nd Edition) FO component requirements.

The HCS Phy-FiXX™ Logo and the DataLight Trademark ensure long lasting high-performance and full support of most present applications.

Applications

HCS Phy-FiXX™ Modular Managed DataLight Duplex LC FO panels are used within the Phy-FiXX™ System for horizontal distribution or equipment terminations in telecommunications rooms and for interconnection terminations in consolidation points, and they fully support most 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 Phy-FiXX™ DataLight Modular Managed Duplex LC FO panels are supported by the Century™ Lifetime Warranty and by the DoubleSafe™ QA program as a part of complete HES cabling system.

HCS Phy-FiXX™ DataLight Modular Managed Duplex LC FO panels are tested at the component level and they comply to the following standards:

TRANSMISSION

- ✓ UL94 V-0 rated plastic materials
- ✓ ANSI/TIA-568-C
- ✓ ISO/IEC-11801

EMC

- ✓ FCC Subpart F 68.5

SAFETY

- ✓ UL94 V-0 rated plastic materials
- ✓ UL 1863 & CSA 22.2 (Pending)

Benefits & Features

- ➔ Two power status indicators to ensure proper connection of power supply from the Infrastructure Analyzer.
- ➔ Data bus connection to the Phy-FiXX™ Infrastructure Analyzer done with an industry standard RJ45 patch cord.
- ➔ Panel options for Singlemode and Multimode fibers, including OS1, OS2 and OM1, OM2, OM3, OM4 or OM5
- ➔ International hardware kit contains both ANSI and metric hardware.
- ➔ Exceptional material properties and design - Providing a unique Century™ Lifetime Warranty.
- ➔ Detailed installation manual in English and Turkish - Providing clear and comprehensive instructions.
- ➔ Robust and installer-friendly design - Providing reduced installation and operating costs.

Connectivity Features

- ➔ LED status indicators show status of connectivity between the panel and the Infrastructure Analyzer.
- ➔ LED status indicator on the panel calls for operator action (connect/disconnect patch-cord).
- ➔ LED status indicators on each port calls for operator action (connect/disconnect patch-cord).
- ➔ LED status indicators can be activated and deactivated from a remote location by the network supervisor.
- ➔ Port use indication on each port calls for monitoring connectivity (connect/disconnect patch-cord).

HCS Phy-FiXX™ Modular Managed 24-Port Duplex LC Fiber Patch Panels

Phy-FiXX™

GENERAL PROPERTIES

Fiber Options	Single Mode: OS1 & OS2. Multimode: OM1, OM2, OM3, OM4 & OM5
Material of Construction	16 AWG cold rolled steel
Coating and Color	Powder coating, black
Adapter Shell Material	Crastin SK602 NC010 (PBT 15% G.F.)
Adapter Shell Color	Natural
Alignment Sleeve	SM: Zirconia MM: Phosphor-Bronze
Number of Terminated Fibers	48 (24 Duplex LC)
Installation Temperature	0 to 50°C, 15-90% RH (non-condensing)
Operating Temperature	0 to 50°C, 15-90% RH (non-condensing)
Storage Temperature	-10 to 60°C, 10-95% RH (non-condensing)
Packaging	One unit per box.
Shipping Weight	4 kg.

ORDERING INFORMATION

HCS P/N	Description	Units	Size: Hx/Wx/D	Notes
			mm	
PFO-F24UM-1U	24 port Duplex LC/UPC MM Phy-FiXX™ Modular Managed FO Patch Panel	1u	482.6x44x280	
PFO-F24M5-1U	24 port Duplex LC/UPC MM OM5 Phy-FiXX™ Modular Managed FO Patch Panel	1u	482.6x44x280	
PFO-F24US-1U	24 port Duplex LC/UPC SM Phy-FiXX™ Modular Managed FO Patch Panel	1u	482.6x44x280	
PFO-F24AS-1U	24 port Duplex LC/APC SM Phy-FiXX™ Modular Managed FO Patch Panel	1u	482.6x44x280	
PCU-F00F1-1U	Control Unit for Phy-FiXX™ Fiber Optic Panel	N/A	42x62x22	