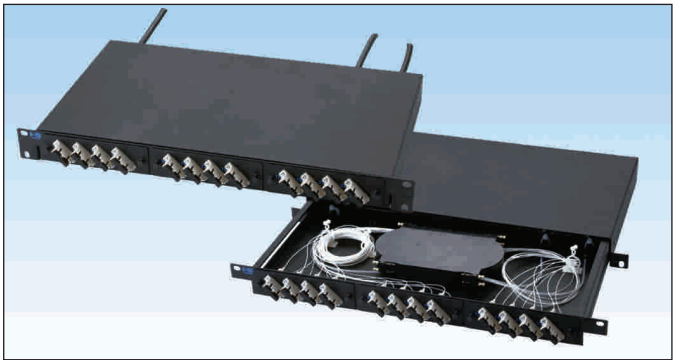
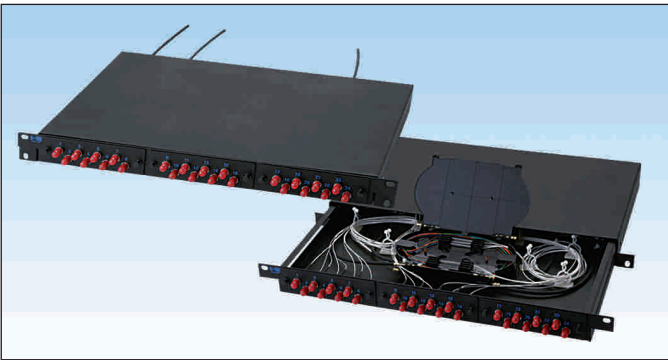


## Fiber optic & Copper Modular 19" Patch Panels



### Description

HCS DataLight Modular Patch Panel series provides a full range of modular fiber optic & copper hybrid patch panels and fiber optic distribution points. HCS DataLight Modular Patch Panels have 3 positions for the different modular front units. The 19" rack-mount panels are equipped with removable upper cover, providing easy and fast access inside panel. HCS DataLight panels basic construction provides highest flexibility and lowest stock, by enabling the use of an all-option organizer, and selecting different connector interfaces by replacing the modules in the front section of panel. Optional connector interfaces include ST simplex, SC duplex, LC duplex, MT-RJ and RJ-45 (CAT 3 to CAT 6A), enabling hybrid cabling. HCS 19" FO panels are available with a large variety of pre-terminated MPO multi-fiber ribbon-cables, specially designed for Data-Centers. HCS DataLight patch panels are supported by the Century™ Lifetime Warranty and by the DoubleSafe™ QA program as a part of complete HCS cabling system. The HCS Logo and the DataLight Trademark ensure long lasting high-performance and full support of all present and emerging applications

### Applications

- Fiberoptic & copper backbone termination in data closets
- FiberOptic & copper distribution
- FiberOptic & copper horizontal termination
- Fiber to desk applications
- Central Office equipment
- Data-Centers

### Qualifications and Approvals

HCS DataLight panels are supported by the Century™ Lifetime Warranty and by the DoubleSafe™ QA program as a part of complete HCS cabling system and comply to the following standards:

EMC	Safety
<ul style="list-style-type: none"> <li>❑ EN-55022, Class B (Europe)</li> <li>❑ FCC Part 15, Subpart J, Class A (USA)</li> </ul>	<ul style="list-style-type: none"> <li>❑ UL94 V-0 rated plastic materials</li> <li>❑ Zero-halogen in LSOH constructions.</li> </ul>

### Benefits & Features

- ✓ Interchangeable modular design for both fiber & copper connectors - Providing ultimate flexibility.
- ✓ Exceptional material properties and design - providing a unique Century™ Lifetime Warranty.
- ✓ Integrated full installation accessories ( supplied free of charge), including clip organizers and T-raps - providing a simple and elegant cable termination and identification.
- ✓ High density 1U 24 and 36 port design - providing a compact panel and economical space use.
- ✓ One basic unit fits all types of connectors - providing high flexibility, low cost and easy to handle stock.
- ✓ Top access into the panel - providing easy and comfortable cable management.
- ✓ Most panels are expandable up to 48 ports - providing a fast and low-cost method to double the panel's capacity.
- ✓ All panels available with optional direct splice termination or FastLight™ termination - providing a larger product range and flexibility.
- ✓ All panels available with pre-terminated MPO multi-fiber ribbon-cables - providing a perfect solution for Data-Centers.
- ✓ Detailed installation manual in English and Turkish - providing clear and comprehensive instructions.
- ✓ Optional back-side cable management with clip organizer and trap connection - providing simple and easy cable handling.
- ✓ Robust and installer-friendly design - providing reduced installation and operating costs.
- ✓ Modular and expandable comprehensive product range - providing up to 48 ports in a single panel.
- ✓ Unique DoubleSafe™ Quality Assurance Program - providing lowest rejection rate available.

## Fiberoptic & Copper Modular 19" Patch Panels

General Properties	
Material of construction □	Steel, Aluminum, Aluminum Alloy or Anodized Aluminum.
Paint and Color □	Powder paint finish, Black (Grey available upon request)
Connector Capacity □	12-36 ports
Pre-terminated panel back connection □	12-fiber ribbon cable terminated with MPO connector
Splice tray capacity □	2-4
Modular front plates □	3
Environmental conditions □	-40 to +60C at 0-90% RH (Non condensing)
Packaging □	One unit per box.
Storage Temperature □	-20 to +80C
Non Halogen constructions □	Available upon request.

Ordering Information						
HCS P/N	Description	Connectors	Ports	Units	Size mm	Notes
					mm	
PFO-10001-1U □	DataLight Fiberoptic Blank Modular Panel, 19" □	N/A □	N/A □	1u □	44.4x480x400	
PFO-1M121-1U □	DataLight Pre-Terminated Panel, 12 ST to 1 MPO □	ST & MPO □	12 □	1u □	44.4x480x400	
PFO-1M122-1U □	DataLight Pre-Terminated Panel, 12 SC to 1 MPO □	SC & MPO □	12 □	1u □	44.4x480x400	
PFO-1M123-1U □	DataLight Pre-Terminated Panel, 12 FC to 1 MPO □	FC & MPO □	12 □	1u □	44.4x480x400	
PFO-1M124-1U □	DataLight Pre-Terminated Panel, 12 MT-RJ to 1 MPO □	MT-RJ & MPO □	12 □	1u □	44.4x480x400	
PFO-1M125-1U □	DataLight Pre-Terminated Panel, 12 LC to 1 MPO □	LC & MPO □	12 □	1u □	44.4x480x400	
PFO-1M241-1U □	DataLight Pre-Terminated Panel, 24 ST to 2 MPO □	ST & MPO □	24 □	1u □	44.4x480x400	
PFO-1M242-1U □	DataLight Pre-Terminated Panel, 24 SC to 2 MPO □	SC & MPO □	24 □	1u □	44.4x480x400	
PFO-1M243-1U □	DataLight Pre-Terminated Panel, 24 FC to 2 MPO □	FC & MPO □	24 □	1u □	44.4x480x400	
PFO-1M244-1U □	DataLight Pre-Terminated Panel, 24 MT-RJ to 2 MPO □	MT-RJ & MPO □	24 □	1u □	44.4x480x400	
PFO-1M245-1U □	DataLight Pre-Terminated Panel, 24 LC to 2 MPO □	LC & MPO □	24 □	1u □	44.4x480x400	
PFO-1M362-1U □	DataLight Pre-Terminated Panel, 36 SC to 3 MPO □	SC & MPO □	36 □	1u □	44.4x480x400	
PFO-1M364-1U □	DataLight Pre-Terminated Panel, 36 MT-RJ to 3 MPO □	MT-RJ & MPO □	36 □	1u □	44.4x480x400	
PFO-1M365-1U □	DataLight Pre-Terminated Panel, 36 LC to 3 MPO □	LC & MPO □	36 □	1u □	44.4x480x400	
PFO-10002-1U □	Blank module □	N/A □	N/A □	1u □	38.0x135	
PFO-10811-1U □	8 x ST Simplex adapter Module □	ST Simplex □	8 □	1u □	38.0x135	
PFO-10422-1U □	4 x SC Duplex adapter Module □	SC Duplex □	4 □	1u □	38.0x135	
PFO-10424-1U □	4 x MT-RJ Duplex adapter Module □	MT-RJ Duplex □	4 □	1u □	38.0x135	
PFO-10824-1U □	8 x MT-RJ Duplex adapter Module □	MT-RJ Duplex □	8 □	1u □	38.0x135	
PFO-10425-1U □	4 x LC Duplex adapter Module □	LC Duplex □	4 □	1u □	38.0x135	
PFO-10825-1U □	8 x LC Duplex adapter Module □	LC Duplex □	8 □	1u □	38.0x135	
PMC-10401-1U □	4 x RJ-45 Module □	RJ-45 □	4 □	1u □	38.0x135	
PFO-12411-1U □	24 x ST Simplex adapter Module Kit for 1U patch panel □	ST Simplex □	24 □	1u □□	N/A	
PFO-11222-1U □	12 x SC Duplex adapter Module Kit for 1U patch panel □	SC Duplex □	12 □	1u □□	N/A	
PFO-11822-1U □	18 x SC Duplex adapter Module Kit for 1U patch panel □	SC Duplex □	18 □	1u □□	N/A	
PFO-12413-1U □	24 x FC Simplex adapter Module Kit for 1U patch panel □	FC Simplex □	24 □	1u □□	N/A	
PFO-11224-1U □	12 x MT-RJ Duplex adapter Module Kit for 1U patch panel □	MT-RJ Duplex □	12 □	1u □□	N/A	
PFO-12424-1U □	24 x MT-RJ Duplex adapter Module Kit for 1U patch panel □	MT-RJ Duplex □	24 □	1u □□	N/A	
PFO-11225-1U □	12 x LC Duplex adapter Module Kit for 1U patch panel □	LC Duplex □	12 □	1u □□	N/A	
PFO-11825-1U □	18 x LC Duplex adapter Module Kit for 1U patch panel □	LC Duplex □	18 □	1u □□	N/A	
PFO-12425-1U □	24 x LC Duplex adapter Module Kit for 1U patch panel □	LC Duplex □	24 □	1u □□	N/A	
KFO-00011 □	DataLight 19" Panel Termination Kit □	N/A □	N/A □	N/A □□	N/A	
KFO-00021 □	DataLight 19" Panel Termination & Splice Kit □	N/A □	N/A □	N/A □□	N/A	

The required fiber type (FO) may be selected from HCS Fiber Options table.