

Description

HCS DataLight FiberOptic Distribution Box series provides an established and economic solution for fiber optic cable termination and distribution point ranging from 12 to 96 ports, including both round and flat ribbon constructions.

Optional connector interfaces include ST, LC, SC, SC duplex, FC or MT-RJ and also hybrid solutions, with different types of connectors in a single unit. The splicing trays are designed with two separate zones: Splice zone and Jumper zone - ensuring minimum disturbance to the sensitive splices.

HCS DataLight FiberOptic Distribution Box have an ergonomic, easy to use design, combined with strong construction and full environmental protection and they 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

- Fiber Optic backbone termination
- Fiber Optic distribution point
- Fiber Optic horizontal and vertical termination
- Fiber cross-connections



Qualifications and Approvals

HCS DataLight FiberOptic Distribution Box 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

- EN-55022, Class B (Europe)
- FCC Part 15, Subpart J, Class A (USA)

SAFETY

- UL94 V-0 plastic materials
- Zero-halogen in LSOH constructions.

Benefits & Features

- ➔ Exceptional material properties and design - Providing a stainless and robust construction.
- ➔ High density up to 96 port design - Providing a compact and economical space use.
- ➔ Dust-proof doors in all models - Providing clean and trouble-free connections.
- ➔ One basic unit fits all types of connectors - Providing high flexibility, low cost and easy to handle stock.
- ➔ Easy access by pivoting tray unit - Providing fast and efficient splicing & termination.
- ➔ Locking mechanism available upon request - Providing high security and system protection.
- ➔ All panels available with optional direct splice termination or FastLight™ termination - Providing a larger product range and flexibility.
- ➔ Detailed installation manual in English and Turkish - Providing clear and comprehensive instructions.
- ➔ Stand-alone unit, with no need of cabinets - Providing low cost and compact solution.
- ➔ Robust and installer-friendly design - Providing reduced installation and operating costs
- ➔ Modular and expandable comprehensive product range - Providing up to 96 ports.
- ➔ Unique DoubleSafe™ Quality Assurance Program - Providing lowest rejection rate available.

GENERAL PROPERTIES

Material of Construction	Nickel-filled , zinc-plated steel.
Color and Paint	Gray electro-static spray.
Port Capacity Range	12-96 ports
Storage Conditions	-25 to +55C at 0-85% RH (Non condensing)
Operational Conditions	-5 to +40C at 0-85% RH (Non condensing)
Operational Atmospheric Pressure Range	70-106 Kpa.
Packaging	One unit per box.
Insulation Resistance of all plastic parts	1GOhm min. @ 500Vdc
Dielectric Strength Between Frame & Ground	3KVdc min @ 5 min.
Adapters Insertion Life Cycle	1000 insertions min.

ORDERING INFORMATION

HCS P/N	Description	Port Capacity	Dimensions			Weight Kg
			Lenght	Width	Depth	
PFO-60112	DataLight Fiberoptic Distribution Box, Gray, Dust-Proof	Up to 12 fibers	460	380	95	9.5
PFO-60148	DataLight Fiberoptic Distribution Box, Gray, Dust-Proof	Up to 48 fibers	460	380	132	10
PFO-60172	DataLight Fiberoptic Distribution Box, Gray, Dust-Proof	Up to 72 fibers	460	380	177	11
PFO-60196	DataLight Fiberoptic Distribution Box, Gray, Dust-Proof	Up to 96 fibers	460	380	230	13