



Description

HCS DataLight Brilliant Modular Enclosures is the newest addition to the HCS DataLight Product family of high-density network solutions. Designed to provide superior organization, accessibility and density.

This reliable and reconfigurable system is inherently suited for multi-building complexes such as hospitals, corporate centers, government facilities, universities and supports the increasing growth for future applications.

Applications

- ☑ Healthcare and Hospitals
- ☑ Colleges and Universities
- ☑ Data Center and Processing Networks
- ☑ Corporate Campuses
- ☑ Any high-density splicing application

Standard & EU Directives Conformance

- ☑ Relevant sections of ANSI/TIA/EIA-604 (FOCIS)
- ☑ Relevant sections of IEC 60874
- ☑ Relevant sections of IEC 61753
- ☑ Relevant sections of IEC 61754
- ☑ Plastic parts: UL94 V-0 flame test
- ☑ EU Directive 2011/65/EU (RoHS-2)

Qualifications & Approvals

HCS DataLight Brilliant Modular Enclosures are supported by the Century™ Lifetime Warranty and by the DoubleSafe™ QA program as a part of complete HES 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 rated plastic materials
- ☑ Zero-halogen in LSOH constructions.

Benefits & Features

- ➔ Exceptional material properties and design - Providing a unique Century™ Lifetime Warranty.
- ➔ Integrated full installation accessories including clip organizers and T-raps - Providing a simple and elegant cable termination and identification.
- ➔ High density 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.
- ➔ Detailed installation manual in English and Turkish - Providing clear and comprehensive instructions.
- ➔ Providing simple and easy cable handling.
- ➔ Robust and installer-friendly design - Providing reduced installation and operating costs
- ➔ Unique DoubleSafe™ Quality Assurance Program - Providing lowest rejection rate available.
- ➔ Maintains superior connections for inter- and intra-building cable runs.
- ➔ Simple access for easy installations.
- ➔ Versatile configurations for maximum density.
- ➔ A singular source for a full solution. Combined with HCS DataLight Series cables, the HCS DataLight Brilliant Modular Enclosure solution can provide a complete connectivity and cabling infrastructure or campus and multi-building networks

GENERAL PROPERTIES

1-2304 fiber 19" ultra high-density LC/MTP cassette-based FO enclosures

Front-end options	Up to 576 LC or 288 MTP Connectors
Back-end options	Up to 96 MTP connectors
Standard fiber types	OM3, OM4 & ITU-T G.652.D
Optional fiber capacity	144 LC/MTP or 576 MTP/MTP in 1U 288 LC/MTP or 1152 MTP/MTP in 2U 576 LC/MTP or 2304 MTP/MTP in 4U
Panel access	Top and front slide rail
Back Cable Management	Removable tray with strain relief
Front cord Management	Integrated

MECHANICAL PROPERTIES

Frame	Aluminum, colored black
Front cover	Removable
Operating temperature	-10 to +60C at 5-85% RH
Storage temperature	-40 to +70C
Plastic parts	High-impact flame retardant Polycarbonate
Port identification	Numbers and stickers

ORDERING INFORMATION

HCS P/N	Description	Cassette Capacity	Max. Front-End Capacity	Back-End Capacity	Size mm	Units
PFO-K3624-1U	High capacity FO Blank Enclosure Frame	6	144 LC or 72 MTP	24 MTP	44x425x482	1U
PFO-K7248-2U	High capacity FO Blank Enclosure Frame	12	288 LC or 144 MTP	48 MTP	88x425x482	2U
PFO-K1496-4U	High capacity FO Blank Enclosure Frame	24	576 LC or 288 MTP	96 MTP	177x425x482	4U