



### Description

*HCS DataLight 144 Port Modular FO 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 144 Port Modular FO 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.
- ➔ A three-layer design allows for easy access of all 12 cassette modules.
- ➔ 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.
- ➔ Simple access for easy installations.
- ➔ Removable back cover for open access to trunk cables

## TRANSMISSION PROPERTIES

### Multimode

Code	Cassette Type MTP-LC	Max. Total Cassette IL @850/1300nm (OM3/OM4)
1	Loss Level 1	0.75 dB
2	Loss Level 2	0.50 dB
3	Loss Level 3	0.35 dB
4	Loss Level 4	0.30 dB

  

Code	Cassette Type MTP-MTP	Max. Total Cassette IL @850/1300nm (OM3/OM4)
1	Loss Level 1	1.00 dB
2	Loss Level 2	0.70 dB
3	Loss Level 3	0.50 dB
4	Loss Level 4	0.40 dB

### Singlemode

Code	Cassette Type MTP/APC-LC/UPC/APC	Max. Total Cassette IL @1310/1550nm	Min. RL @1310/1550nm
1	Loss Level 1	1.00 dB	MTP/APC: 65 dB LC/UPC: 55 dB LC/APC: 65 dB
2	Loss Level 2	0.65 dB	
3	Loss Level 3	0.45 dB	
4	Loss Level 4	0.35 dB	

## ORDERING INFORMATION

HCS P/N	Description	Cassette Capacity	Front Adapter Type	Rear Adapter Type	Numbers of Adapter	Fiber numbers with adapters	Size mm	Units
PFO-LOB12	HCS Datalight 144 Port HD FO Blank Enclosure	12	-	-	-	-	435x375x43.5	1U
PFO-LL144-xy	HCS Datalight Cassette for 144 Port HD FO Enclosure	-	LC Quad	MTP	3/1	12	-	-
PFO-LS072-xy	HCS Datalight Cassette for 144 Port HD FO Enclosure	-	SC Duplex	MTP	3/1	6	-	-
PFO-LM864-xy	HCS Datalight Cassette for 144 Port HD FO Enclosure	-	MTP (12F)	N/A	6	72	-	-
PFO-LM172-xy	HCS Datalight Cassette for 144 Port HD FO Enclosure	-	MTP (24F)	N/A	6	144	-	-

#### Additional Options for Cassettes

#### x: Polarity Options

A= Type A

B= Type B

C= Type C

#### y: Loss Options

1= Loss Level 1

2= Loss Level 2

3= Loss Level 3

4= Loss Level 4