Fiber Optic, Patch Panel, Ultra-High Density Chassis UHD

Features and benefits

- Available in 1U, 2U and 4U height variants
- Most efficient rack utilization (72 x ports per 1U)
- Fast installation of modules from front or rear
- Fast moves, adds and changes (lower OPEX)
- Easy and fast migration to 40G, 100G and beyond
- Future-proofed with super low-loss connectivity
- Wide range of modules (MPO-LC transition, pigtail splicing, patching, tap-monitoring and MPO conversion)
- Excellent patch cord routing and guidance
- Clear port identification and traceability
- Robust and secure steel construction

Description

The DataOpt Ultra-High Density chassis (UHD) is a modular, standards-based, pre- terminated distribution platform designed to increase port density, improve connector access, and efficiently utilize valuable rack space in Data Centers. The DataOpt UHD Chassis in its basic configuration will serve 72 LC ports per 1U (144 fibers) for all network topologies including 10G, 40G and 100G deployments utilizing high performance 8-fiber, 12-fiber and 24-fiber MPO technology.

The DataOpt UHD Chassis solution has a maximum capacity of twelve front or rear installable modules (per 1U) that allows multiple fiber connections to be quickly and efficiently installed and maintained, while supporting regular moves, adds and changes. Integrated fiber management features are provided to secure trunk cables, separate patch cords and maintain safe bend radius during fiber routing.

Technical data

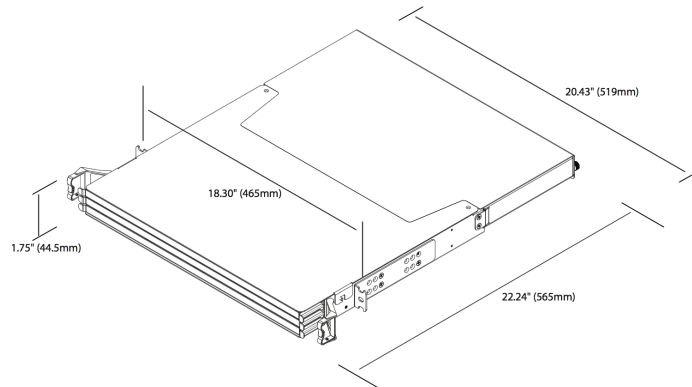| Description	Value
Product family	DataOpt
Dimensions (WxDxH)	519mm (20.43") x 565mm (22.24") x 1U/2U/4U
Chassis height	1U (44.45mm), 2U (88.9mm) and 4U (177.8mm)
Mounting type	465mm (19")
Weight	1U (8.5 kg), 2U (8.5kg) and 4U (15kg)
Material	Steel chassis (powder coated), plastic ABS
Colour	Black RAL 9005, Gray RAL7047, Bengal Silver
Capacity	4 x modules per row (3 x rows per 1U)
Density	72 x LC/MPO ports per 1U

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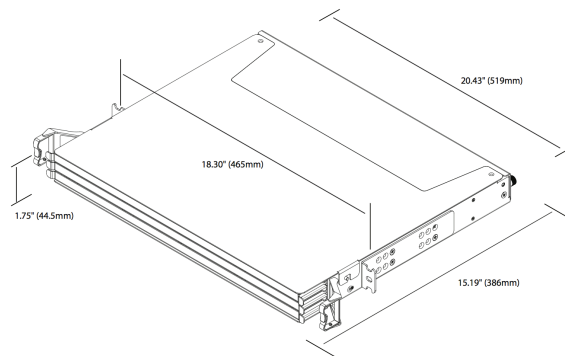
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Environmental data

Description	Value
Free of halogen	yes
2011/65/EC RoHS	Fully compliant

Technical drawing

DatOpt chassis 1U including rear cable manager (for 2U and 4U heights refer to technical data)

DatOpt chassis 1U excluding rear cable manager (for 2U and 4U heights refer to technical data)

Ordering information

Description	Item number
1U UHD Chassis 4 modules per row, 12 modules total, short version	UHDC1U0412XX1
1U UHD Chassis 4 modules per row, 12 modules total, incl. rear cable shelf	UHDC1U1412XX1
2U UHD Chassis 4 modules per row, 24 modules total, short version	UHDC2U0424XX1
2U UHD Chassis 4 modules per row, 24 modules total, incl. rear cable shelf	UHDC2U1424XX1
4U UHD Chassis 4 modules per row, 48 modules total, short version	UHDC4U0448XX1
4U UHD Chassis 4 modules per row, 48 modules total, incl. rear cable shelf	UHDC4U1448XX1

-XX = optional colours ('BK' for black, 'GY' for Gray, BS for Bengal Silver)