

HD Flex™ Zone Raised Floor Enclosure

PANDUIT®

SPECIFICATION SHEET

specifications

The enclosure shall require the removal of only one floor tile and drop through a single tile opening without disassembly to install. The four support brackets shall be mounted under the enclosure by placing one on each pedestal mount bracket by attaching the U-bolt and nut around the pedestal. The enclosure shall be properly grounded and bonded to the raised floor system when installed without the need of additional jumpers or other components. The enclosure shall meet UL2043 requirements for use in a plenum space. The enclosure and cable openings shall have the capacity to support 48 six-port fiber cassettes. Enclosure shall have flexible cable ingress/egress grommets that allow for quick and easy moves, adds, and changes, while still maintaining a plenum rating. The enclosure shall be capable of being secured and protected from unauthorized access with an optional lockable cover.



technical information

Standards: UL 2043 for use in plenum spaces

Dimensions:	Part Number	Height in. (mm)	Width in. (mm)	Depth in. (mm)
	FLEX-ZRFEG	22.6 (575)	22.6 (575)	5.0 (127)

Minimum depth of raised floor:	Part Number	Without cover in. (mm)	With cover in. (mm)
	FLEX-ZRFEG	6.0 (152)	8.0 (203)

Cable capacity: The underfloor solution can support 288 fiber ports with HD Flex™ MPO-to-LC cassettes or 1,728 fiber ports with HD Flex™ MPO Fiber Adapter Panels (FAP's)

Installation: Single tile drop-in enclosure and one-piece mounting brackets with captured hardware; does not require removal of stringers

Packaging: Raised floor enclosures include four pedestal one-piece mounting brackets, four bonding bolts and magnetic ruler, two removable patch panels

Materials: Made with rugged aluminum, plastic and steel

key features and benefits

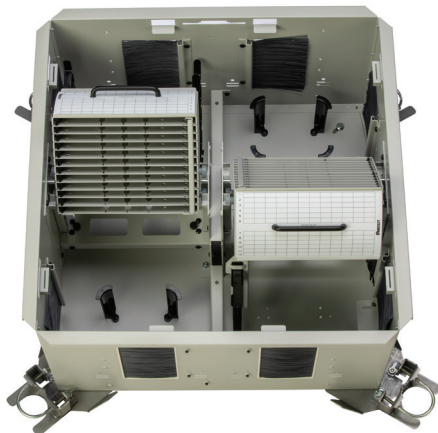
In-floor design	Saves valuable real estate in the data center by allowing cable terminations below raised floors, relieves congestion in racks and cabinets
Single tile drop-in design	Reduces installation time by as much as 50% compared to similar solutions on the market
One piece mounting with captured hardware	Reduces the number of components and time needed to install
Integrates Brushes for Air Sealing	Allows for quicker and easier moves, adds, and changes while maintaining a UL 2043 plenum rating to help conserve energy
Integral grounding and bonding design	Enclosure installation creates a mechanical electrical bond to raised floor pedestals without the need for extra components; protects network equipment and personnel
Cable Management	Segregation for A and B side cabling allows greater network design flexibility
High fiber cable port density	Manages and organizes up to 288 fiber ports (144 fiber ports per side)
Configurable patch panel	Capability to pull and rotate patch panels for smooth moves adds and changes
Optional lockable cover	Protects against unauthorized access for increased security protection and network reliability

applications

The Panduit HD™ Flex Raised Floor Enclosure is an ideal data center and colocation solution as a consolidation point or zone distribution area (ZDA). The raised floor enclosure saves valuable real estate by providing space below the raised floor to mount TIA 19" flat rack mountable patch panels, which relieves congestion in racks and cabinets for installing network equipment. For mainframes or storage area network applications, a ZDA can also save valuable floor space by

locating a termination point in a raised floor enclosure rather than in an adjacent cabinet. The raised floor enclosure is capable of accommodating field terminated or pre-terminated copper or fiber cassettes as a ZDA for rapid data center deployments and reconfigurations. The enclosure also provides an efficient and cost effective method to design and deploy structured cabling systems for open office architecture in any raised floor application.

HD Flex™ Zone Raised Floor Enclosure



FLEX-ZRFEG with rotated patch panels



FLEX-ZRFEG - Top view

HD Flex™ Zone Raised Floor Cover



PZRFCG

WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT US/CANADA
Phone: 800.777.3300

PANDUIT EUROPE LTD.
London, UK
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
Phone: 65.6305.7575

PANDUIT JAPAN
Tokyo, Japan
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
Guadalajara, Mexico
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.
Victoria, Australia
Phone: 61.3.9794.9020

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For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300

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12/2019