



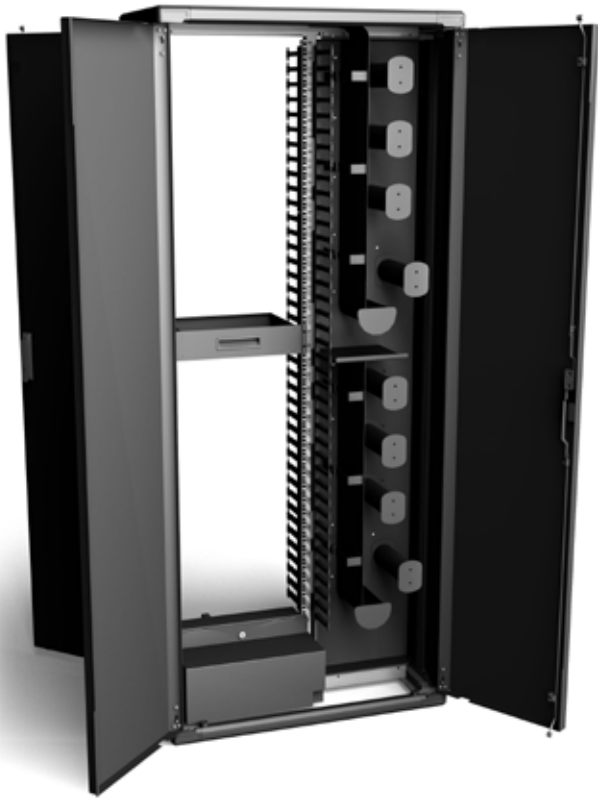
FEATURES AND BENEFITS

- Built for the Brand-Rex High Density Fibre Cabinet.
- 17" and 19" Frame compatible.
- 48 LC ports 1U - using unique ½U trays.
- Innovative design using angled adapters for ease of fibre management.
- Fully integrated fibre & splice management, no need for multiple splice cassettes.
- Unique, patent pending, pivoting, sliding & hinged tray.
- 35mm minimum bend radius maintained throughout fibre management system.
- Accommodates loose tube & standard buffered fibre.
- Clear hinging lid to allow visibility within tray without the need to remove any parts.
- Lightweight.
- Reduced installation time.
- Simple 'push in' splice protector retaining features.
- Network installations made easy.
- Provides the security and robustness of a fixed unit but also the accessibility and usability of a removable unit.

PRODUCT DESCRIPTION

The Brand-Rex High Density Fibre Management Panel offers the ultimate solution for management of fibre in data centres and telecoms rooms. This is a ground breaking solution, designed with an emphasis on minimising on-site installation times, accessibility to cabling and modularity to enhance its operational flexibility. The panel combines a robust metal frame with precision injection moulded plastic to deliver a flexible and secure construction while still offering fully integrated and flexible fibre management. The 1U 48 LC port patch panel facilitates patch cord routing directly into the rack vertical side management, thus increasing rack density and easing undue stresses on the cords. It is designed to pivot and hinge providing the control and security of a fixed panel but also allowing for increased access and usability.

HIGH DENSITY FIBRE MANAGEMENT PANEL



The panel provides 48 LC ports in 1U with unique user friendly 1/2 U trays. The 1/2 U trays can be accessed individually and therefore up to 24 ports can be accessed independently. The unit contains angled adaptors to ease patch cord management with tray in situ or hinged open. This system also ensures there is no need to remove the panel from the rack to dress and work on the splices thus resulting in tray connectors remaining undisturbed in a live situation.

The unique design incorporates a 'Pivot', 'Slide' and 'Hinge' system aimed at eliminating potential fibre failure points.

The 'Pivot' operation controls and minimises movement on the fibre at the rear cable entry point.

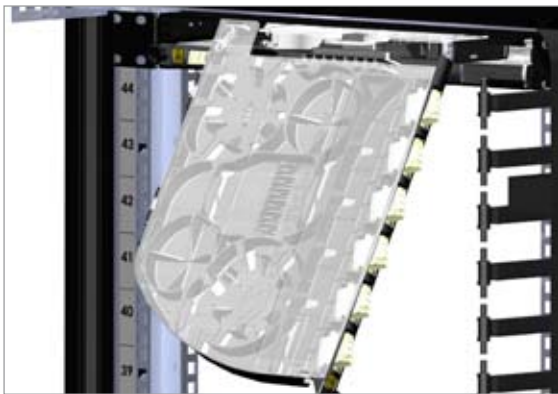
The 'Slide' actions along the pivot point to provide sufficient clearance from the patch cords above and below, prior to activating the hinge.

The 'Hinge' feature provides the increased accessibility, particularly applicable in the top half of a cabinet. The angle at which the tray hinges is restricted to 60 degrees ensuring patch cords below are fully protected.

Internally the tray provides fully integrated fibre and splice management, negating the need for multiple splice cassettes or accessories. Up to 24 fibres can be accommodated in a pathway that supplies space for up to 2m excess fibre and pigtails.

A minimum bend radius of 35mm is maintained throughout this management system. The fibre is fully protected and secured, initially through the use of multiple containment tabs and secondly through the transparent fixed lid.

Combine this panel with the new Brand-Rex High Density Fibre Cabinet and your High Density Cabling solution is complete. The panel and cabinet were designed in parallel and therefore compliment each other, resulting in an increased rack density saving valuable space but also offering a panel that eases bending stresses on the fibres while maximising performance.



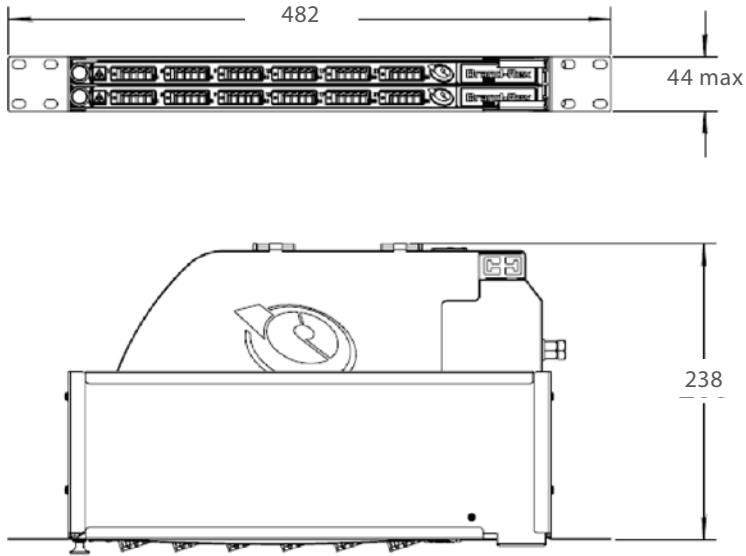
1. Trays pivot and slide open

2. Unique hinge design

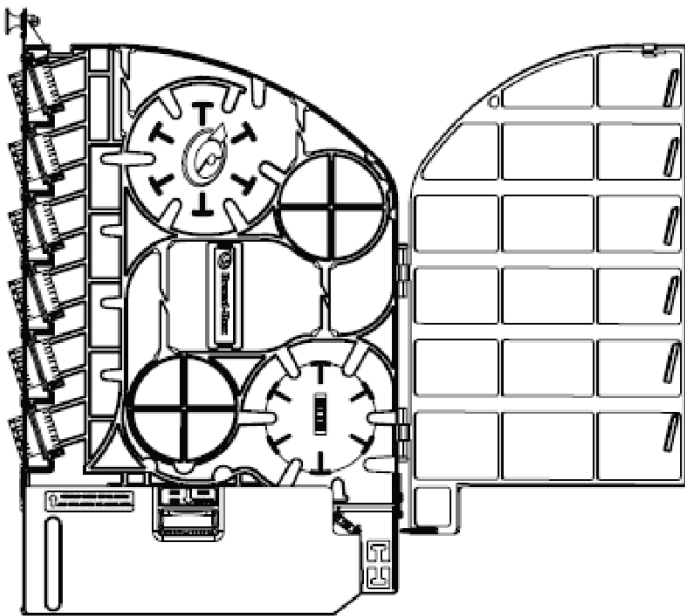
3. Easy access to panel



Mechanical Specifications



View of tray



APPLICATIONS

- Corporate and Internet Data centres.
- Conventional, backbone cabling installations.
- Suitable for use in Brand-Rex approved 17" and 19" cabinets.
- Suitable for use with approved Brand-Rex patch cords, panels and cable management products.

INSTALLATION

- Panels are individually boxed complete with Quad LC multi-mode adapters as standard. Inclusion of pigtails is also an option.

PACKAGING

- Max weight - 2.5 kg (with pigtails loaded)
- Dimensions as shown.

MATERIAL DATA

- Panel manufactured from high quality powder coated mild steel - RAL 9005 Black.
- Press stud locks – Nylon
- Cable Management – Nylon
- Adapter – ABS/Phosphor bronze

Part Number	Description
FPCPC1OM348LC2	High Density Fibre Management Panel, 48 LC Ports, 1U Dual cassette, part loaded with 12 x Quad LC Multi-mode adaptors (BHCL4MM001) & 48 x LC OM3 50/125 Pigtail Easy Strip 2m (HOTLCOM3302) - Black
FPCPC1XMM48LC2	High Density Fibre Management Panel, 48 LC Ports, 1U Dual cassette, part loaded with 12 x Quad LC Multi-mode adaptors & glands - Black
FPCPC1XSM48LC2	High Density Fibre Management Panel, 48 LC Ports, 1U Dual cassette, part loaded with 12 x Quad LC Single-mode adaptors & glands - Black
FPCPC100848LC2	High Density Fibre Management Panel, 48 LC Ports, 1U Dual cassette, part loaded with 12 x Quad LC Single-mode adaptors (BHCL4SM001) & 48 x Simplex 900µm 008/125 PIGTAIL LC Easy Strip 2m (HOTLCO08302) - Black

The information contained in this document is valid and correct at the time of issue.
However, we reserve the right to modify details without notice in the light of subsequent
Standard / Specification changes and ongoing technical developments.
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