

DataLINXS Rack Mount Fiber Optic Enclosures

Description

The Scientific-Atlanta/Telect DataLINXS patch and splice enclosures provide secure rack-mount fiber management for CATV, data, or telecommunications applications. The DataLINXS family accommodates up to 72 single-mode fiber connector adapters or splices. Enclosures provide a central location for patching, testing, troubleshooting, monitoring, and restoring service to fiber optic systems. The DataLINXS product family includes a variety of fiber connector options and accessories to complete your fiber system installation.

DataLINXS enclosures accommodate standard fiber density applications in a standard footprint. They allow interconnectivity of fiber optic cable using LGX-style patch plates or splices. They can also be configured with LGX-style DWDM modules, with coupler/splitter modules, or with patch panels pre-stubbed with riser cable.



Features

- Internal cable routing posts and egress arcs manage bend radius at entry, exit, and throughout the enclosure to preserve the integrity of fiber systems.
- Industry standard, LGX-style, modular 6-pack plates snap into place for quick installation.
- Expandable system is adaptable to LGX-style DWDM and coupler/splitter modules.
- External cable clamp mounting provides secure cable strain relief.
- Universal mounting fits both 19" and 23" EIA and WECO racks.
- Enclosures ordered with preterminated cable eliminate costly field connectorization and ensure high-quality fiber connector terminations.
- Cable entry grommet covers prevent contaminants from entering the panel, reducing maintenance and keeping revenue-producing systems online.
- Optional door locks protect fiber connections and secure your fiber investment.
- Stackable, modular construction allows reconfiguration, splicing, and expansion.

DataLINXS Fiber Optic Enclosures

Ordering Information

Patch Enclosures		
Part Number	Description	Dimensions
750180	Patch Enclosure - 24 position, unloaded (2RU)	19/23 in. W x 3.50 in. H x 12.00 in. D (48.26/58.42 cm x 8.89 cm x 30.48 cm)
750181	Patch Enclosure - 48 position, unloaded (3RU)	19/23 in. W x 5.25 in. H x 12.00 in. D (48.26/58.42 cm x 13.18 cm x 30.48 cm)
750182	Patch Enclosure - 72 position, unloaded (4RU)	19/23 in. W x 7 in. H x 12.00 in. D (48.26/58.42 cm x 17.62 cm x 30.48 cm)

Loaded Patch Enclosures		
Part Number	Description	Dimensions
750183	Patch Enclosure - 24 position, SC/APC, with 20 m riser cable stub (2RU)	19/23 in. W x 3.50 in. H x 12.00 in. D (48.26/58.42 cm x 8.89 cm x 30.48 cm)
750184	Patch Enclosure - 48 position, SC/APC, with 20 m riser cable stub (3RU)	19/23 in. W x 5.25 in. H x 12.00 in. D (48.26/58.42 cm x 13.18 cm x 30.48 cm)
750185	Patch Enclosures - 72 position, SC/APC, with 20 m riser cable stub (4RU)	19/23 in. W x 7 in. H x 12.00 in. D (48.26/58.42 cm x 17.62 cm x 30.48 cm)

Patch Enclosures Accessories		
Part Number	Description	Dimensions
750186	Patch Plate - FC/UPC SM adapters, 6-port	1.0 in. W x 5.1 in. H (2.54 cm x 12.95 cm)
750187	Patch Plate - FC/APC SM adapters, 6- port	1.0 in. W x 5.1 in. H (2.54 cm x 12.95 cm)
750188	Patch Plate - SC/UPC SM adapters, 6-port	1.0 in. W x 5.1 in. H (2.54 cm x 12.95 cm)
750189	Patch Plate - SC/APC SM adapters, 6-port	1.0 in. W x 5.1 in. H (2.54 cm x 12.95 cm)
750190	Patch Plate - Blank	1.0 in. W x 5.1 in. H (2.54 cm x 12.95 cm)

Splice Enclosures		
Part Number	Description	Dimensions
750175	Splice Enclosure - 24 position, unloaded (2RU) <i>{requires splice trays from table below}</i>	19/23 in. W x 3.50 in. H x 12.00 in. D (48.26/58.42 cm x 8.89 cm x 30.48 cm)
750176	Splice Enclosure - 48 position, unloaded (3RU) <i>{requires splice trays from table below}</i>	19/23 in. W x 5.25 in. H x 12.00 in. D (48.26/58.42 cm x 13.18 cm x 30.48 cm)
750177	Splice Enclosure - 72 position, unloaded (4RU) <i>{requires splice trays from table below}</i>	19/23 in. W x 7 in. H x 12.00 in. D (48.26/58.42 cm x 17.62 cm x 30.48 cm)

Splice Trays		
Part Number	Description	Dimensions
750178	Bare Fusion Splice Tray; 12 splice capacity	11.75 in. W x 0.47 in. H x 4.00 in. D (29.85 cm x 1.19 cm x 10.16 cm)
750179	Heat-Shrink Fusion Splice Tray; 12 splice capacity	11.75 in. W x 0.47 in. H x 4.00 in. D (29.85 cm x 1.19 cm x 10.16 cm)

DataLINXS Accessories	
Part Number	Description
750191	Lock & Key Kit. This is an optional locking device. It is a quarter-turn key lock with two keys.
750192	6-Tray LINXS Panel Cable Clamp Kit



Scientific-Atlanta and the Scientific-Atlanta logo are registered trademarks of Scientific-Atlanta, Inc.
All other trademarks shown are trademarks of their respective owners.
Specifications and product availability are subject to change without notice.
© 2001 Scientific-Atlanta, Inc. All rights reserved.

Scientific-Atlanta, Inc.
1-800-722-2009 or 770-236-5400
www.scientificatlanta.com

Part Number 748922 Rev A
October 2001