

Mighty Mo[®] Cabinet and Four-Post Rack Solutions

FOR THE CISCO NEXUS 7018 SWITCH

Legrand | Ortronics
is a Cisco Verified
Cabinet Vendor for
the Nexus 7018
Data Center Switch



Ortronics



Mighty Mo[®] Cabinet and Four-Post Rack Solutions

Ortronics Mighty Mo Cabinets and Mighty Mo 10 Four-Post Racks boast industry leading airflow and cable management features that address the cooling and high density requirements in the data center and SAN environments of today and the future.

Mighty Mo Cabinets and Mighty Mo 10 Four-Post Racks focus on the following critical elements of infrastructure support:

- Protection & Performance
- Density
- Airflow

Mighty Mo Cabinets and Four-Post Rack Solutions have:

- Static capacity to support a fully configured Cisco Nexus 7018 Data Center Switch
- Space that meets Cisco's clearance requirements for the front, side and rear of the Nexus 7018 switch

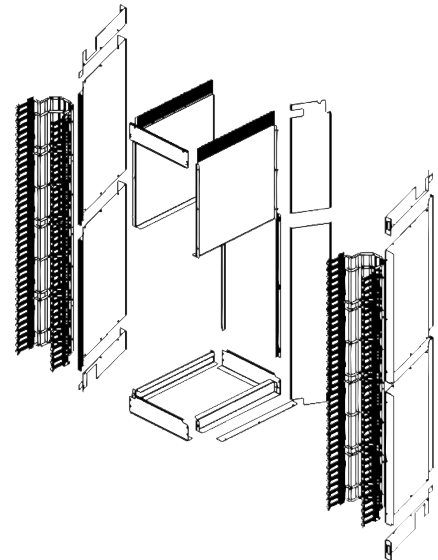
- Full height baffling systems to maintain strict hot aisle/cold aisle air separation
- Blanking panels and other internal accessories to eliminate hot air recirculation inside the cabinet
- Cable management that addresses the density requirements of a fully configured Nexus 7018 switch chassis (768 port density)
- Mighty Mo Cabinets are the only solution on the market today with patented bend limiter clips to provide the proper bend radius for fiber cables

*Please refer to the Cisco Nexus 7000 Series Site Preparation Guide – Appendix B for additional and complete information on General Cabinet and Rack Requirements for the Nexus 7000 Series switches.

Legrand | Ortronics has designed a Mighty Mo cabinet specifically to accommodate the Cisco Nexus 7018 Data Center Switch requirements

The Mighty Mo Cabinet for the Cisco Nexus 7018 (stand-alone version)

The Ortronics **stand alone** solution starts with a 32" wide Mighty Mo® cabinet and adds (2) "side cars" to allow the 7018 to intake and exhaust air properly from side to side. The sidecars are 8" wide and bring the overall width of the assembly to 48". The stand alone solution has internal angled baffles to direct air in from the front of the cabinet and side car and then out the rear of the cabinet and opposing side car. The Ortronics stand alone unit is wider than other solutions to allow for vertical cable management while still meeting the Cisco requirement for side to side clearance. Other solutions have the required clearance for the Cisco switch to cool, but they do not allow any additional space for cable management.



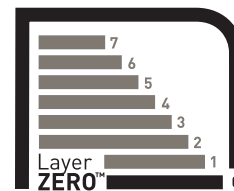
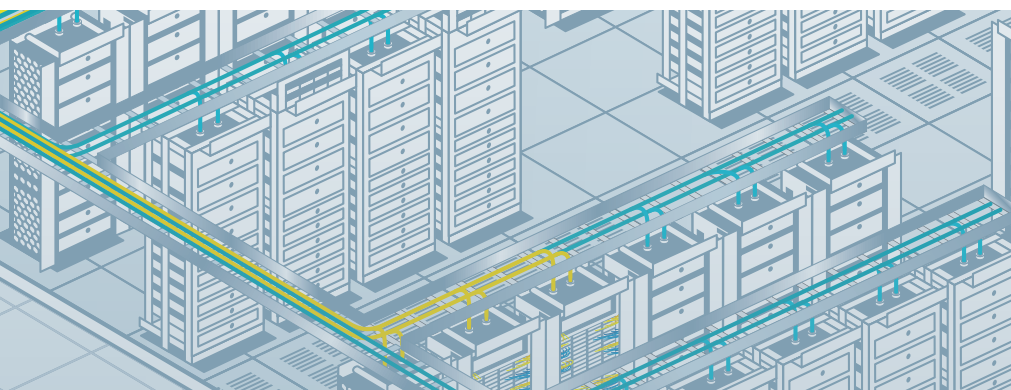
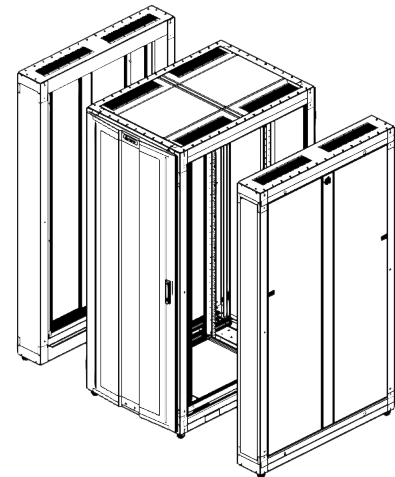
■ OR-MMC424846-00001

Mighty Mo cabinet, 42U X 48"W X 46"D for Cisco 7018 with dual side car kit, black

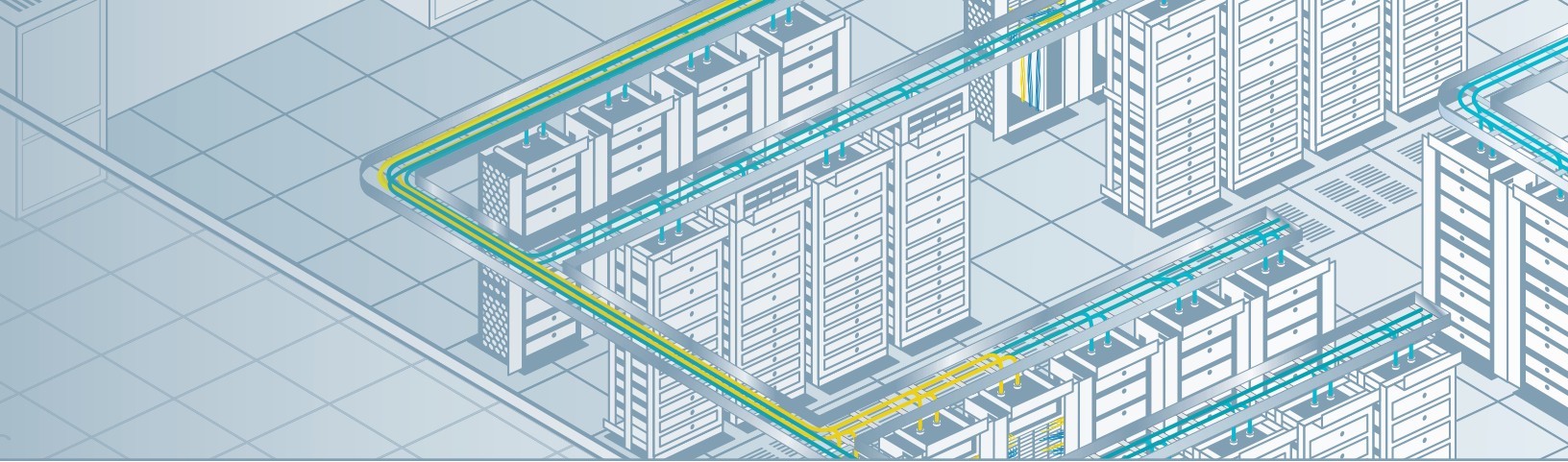
■ OR-MMC474846-00001

Mighty Mo cabinet, 47U X 48"W X 46"D for Cisco 7018 with dual side car kit, black

Includes the 32" wide cabinet with mounting rails, front and rear doors, 2 side extensions, 2 side panels, 1 pieces roof, 2 vertical "U" shaped cable managers, and all of the internal baffles



Mighty Mo cabinets and racks are part of Layer Zero solutions



For creating a stand-alone Nexus 7018 cabinet from an existing 32" wide Mighty Mo Cabinet

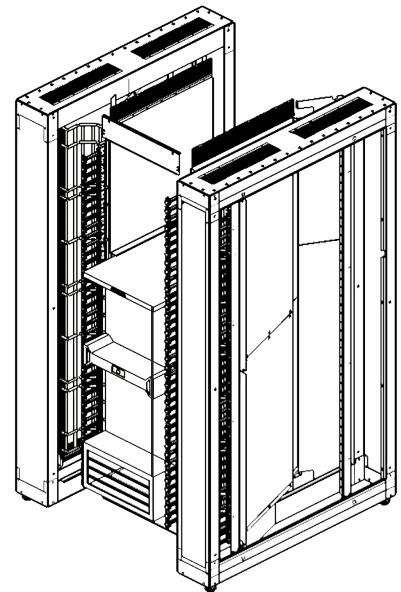
■ OR-MMC421646-SC001

Mighty Mo dual side cart kit, 42U X 16"W X 46"D for Cisco 7018, black

■ OR-MMC471646-SC001

Mighty Mo dual side cart kit, 47U X 16"W X 46"D for Cisco 7018, black

Includes 2 side extensions, 2 vertical "U" shaped cable managers, all of the internal baffles and mounting hardware



For creating a Nexus 7018 cabinet from (2) 32" wide Mighty Mo Cabinets at the end of a row

The Ortronics **end of row** solution uses a 32" standard Mighty Mo® cabinet with a single mounted "side car" and the internal cabinet space from the adjacent 32" wide cabinet. It uses the same baffle design as the stand alone cabinet and is compliant with the Cisco space requirements for airflow. The overall width of the end of row solution is 40". The side car can be mounted to either side of the cabinet, depending upon the switch location (right end of row or left end of row).

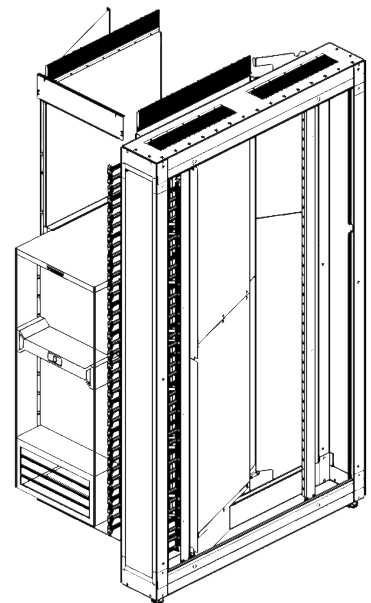
■ MMC420846-SC001

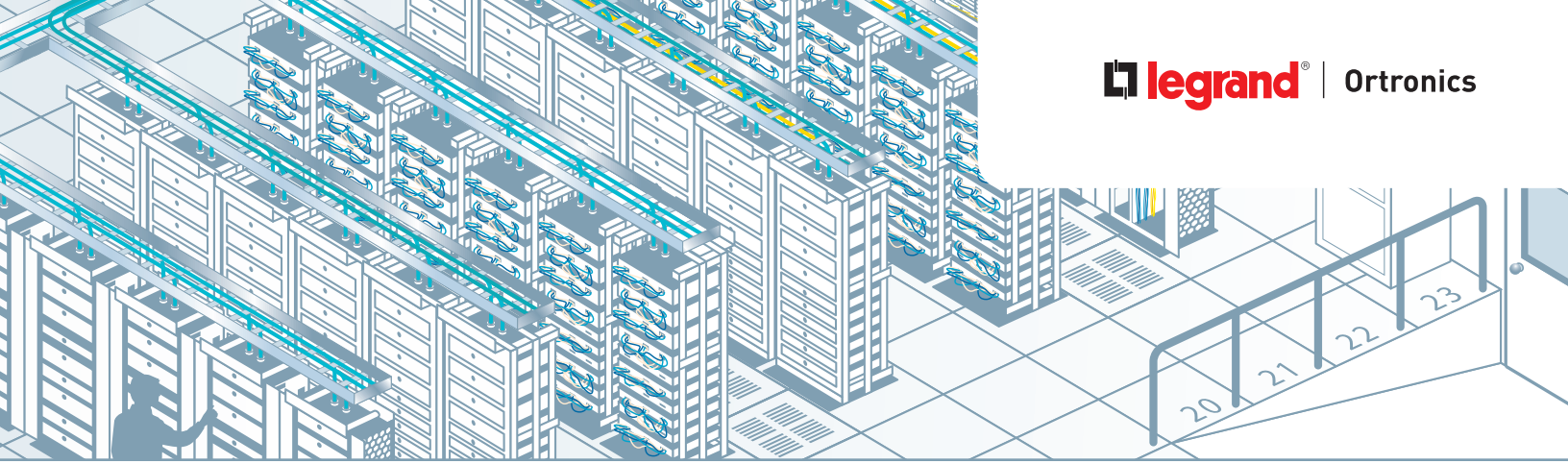
Mighty Mo single side car kit, 42U X 8"W X 46"D for Cisco 7018, black

■ MMC470846-SC001

Mighty Mo single side car kit, 47U X 8"W X 46"D for Cisco 7018, black

Includes 1 side extension, 1 vertical "U" shaped cable manager, all of the internal baffles and mounting hardware





For creating a Nexus 7018 cabinet in the center cabinet of (3) 32" wide Mighty Mo Cabinets

This **middle of row** solution uses standard 32" Mighty Mo® cabinets and allows for substantial dimensional gains within a given row compared to a fixed 40" wide cabinet configuration. When the Nexus 7018 switch is mounted in a 32" wide standard Mighty Mo cabinet and there is a similar 32" wide Mighty Mo cabinet on either side, the baffle design is sufficient to allow cooling in the switch. The design makes use of the extra width in the neighboring cabinets to create a cable management area and an airflow path sufficient for the 7018 switch. If there are multiple switches in a row, this solution becomes a compact in row solution still utilizing a standard 32" Mighty Mo cabinet.

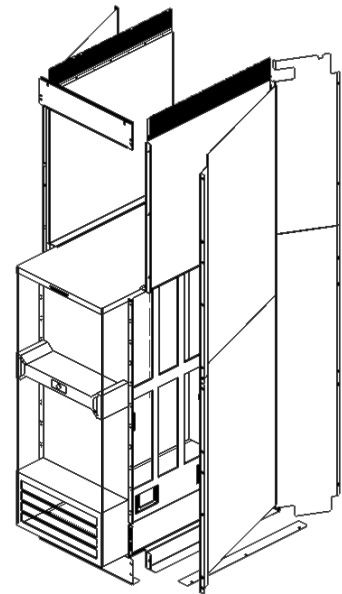
■ OR-MMCAB427018

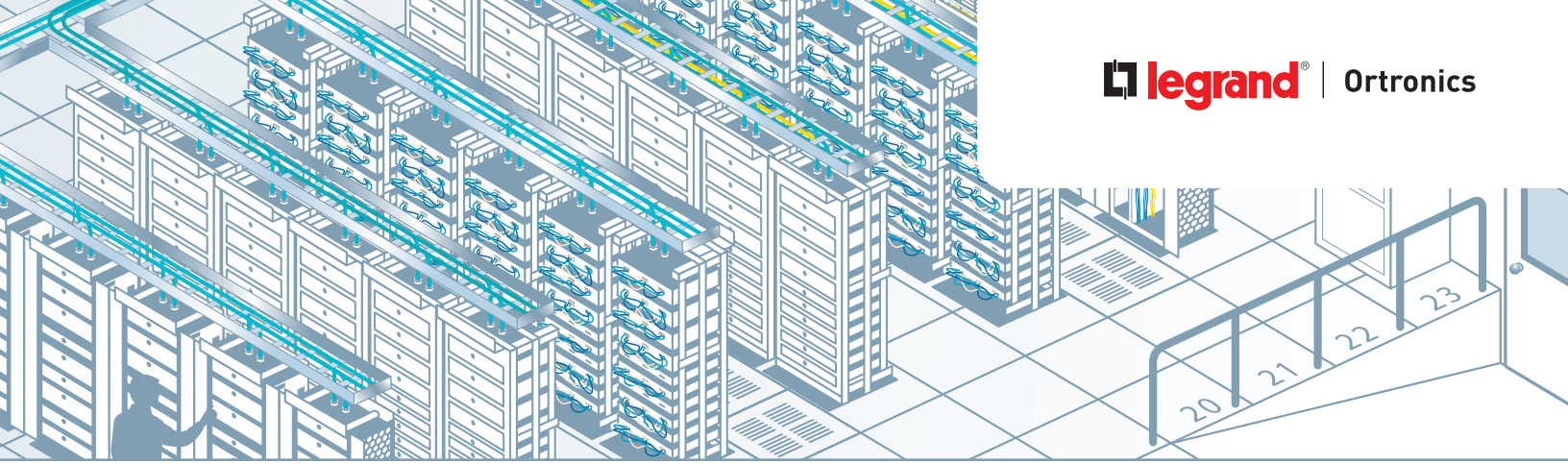
Mighty Mo in row baffle kit, 42U X 46"D
for Cisco 7018, black

■ OR-MMCAB477018

Mighty Mo in row baffle kit, 47U X 46"D
for Cisco 7018, black

[Includes all of the internal baffles and mounting hardware](#)





Ortronics Mighty Mo Four-Post Racks are designed to accommodate the Cisco Nexus 7018 Data Center Switch

■ OR-MM107SVR

Mighty Mo 10 server rack, four-post aluminum frame with steel EIA rails, 45 rack units, 7' H

■ OR-MM10VMD712

Vertical manager, with door, 12.13" x 13" x 7', 45 rack units

■ OR-MM10AB73012

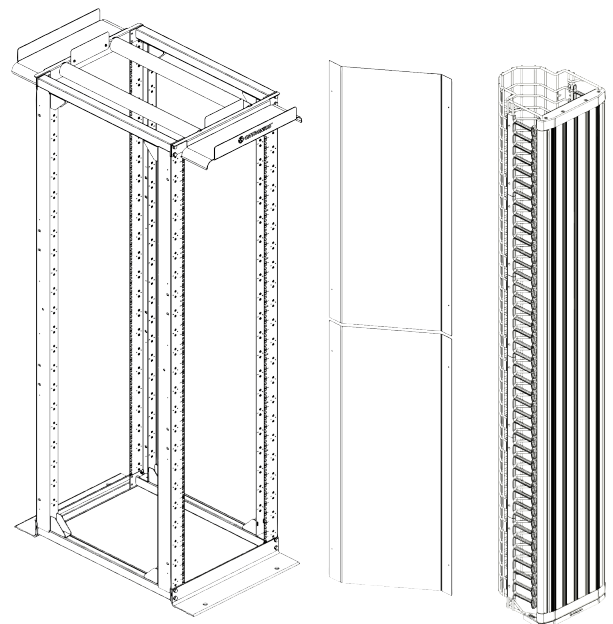
Airflow baffles, for use with 7' Mighty Mo 10 server rack and 12" wide Mighty Mo 10 cage

■ OR-MM10VMD716

Vertical manager with door, 16.38" x 13" x 7', 45 rack units

■ OR-MM10AB73016

Airflow baffles for use with 7' Mighty Mo 10 server rack and 16" wide Mighty Mo cage



The rack, vertical managers and baffles are designed to work together. All three are required to create the solution.

designed to be better.™

Canada
570 Applewood Crescent
Vaughan, Ontario L4K 4B4
905-738-9195

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Ortronics

125 Eugene O'Neill Drive
New London, CT 06320
800.934.5432
860.445.3800 (sales)
860.405.2974 (fax)
www.legrand.us/ortronics