Solutions for Cisco Catalyst® 6500 and MDS 9500

NetShelter Networking Enclosures maintain the NetShelter SX design while offering improved networking application support and a superior solution for side airflow Cisco networking switches

Cisco Catalyst 6509/6513 Specifications:

- Height: 14U/21U
- Typical max data ports CAT 6A: 288 to 528
- Power Options: Power supplies available from 2500 to 8700 watts

Cisco MDS 9506/9509/9513 Specifications:

- Height: 7U*/14U/21U
- Typical max data ports fiber: 192/336/ 528
- Typical Power Draw: 1000/1600/2600 watts

*7U switches do not require the use of the rear baffle provided in AR7715 kit
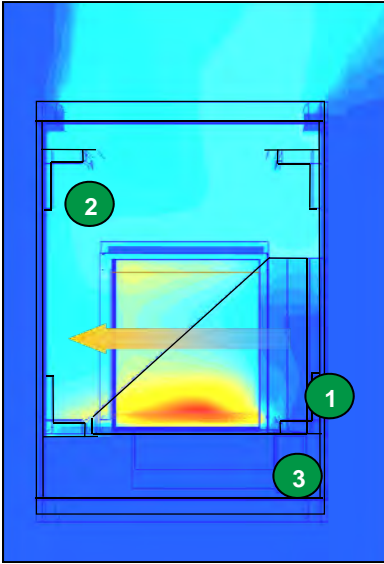
Recommendations:

- **AR3140** – NetShelter SX 42U 750mm x 1070mm Deep Networking Enclosure with Sides
  - 750mm (30in) models to accommodate cable management
  - Optional 1200mm (47.25in) deep enclosures will provide more cable and Rack PDU access space (AR3340, AR3347)

- **AR7715** – Side Airflow Duct Kit
  - Two 2U duct kits mounted within the AR3140
  - Supports up to 1200 CFM

Included in the Side Airflow Duct Kit:

- (2) 2U ducts: (1) top and (1) bottom
- (2) zero-U mounting brackets to replace brackets provided with Cisco switch
- Rear baffle to block hot air from entering switch intake
- Foam strips for sealing intake area

TOP VIEW – FRONT OF ENCLOSURE

CFD Analysis on Cisco 6509 switch with Side Airflow Duct Kit (AR7715)

1. Duct kit directs cold air into intake and isolates hot air

2. Hot, exhaust air is directed to the rear of the enclosure

3. Cable routing does not affect airflow since the air pulled in from the top and bottom ducts

AR3140 – 42U Height

NetShelter SX Standard Features

> **Vertical 0U Accessory Channels allow toolless install of Rack PDUs and cable management**
> **Front and rear perforated doors**
> **Half-height side panels**
> **Easily adjustable levelling feet and casters**

> **Numbered U positions**
> **Pre-installed joining brackets**
> **Doors, sides, roof, and rails are bonded to frame**
> **Easy roof removal with two spring loaded pins allow removal and installation with cables in place**

Part Numbers

Description	SKU
NetShelter SX 42U 750 mm Wide x 1070 mm Deep Networking Enclosure	AR3140
Airflow Management	
Side Airflow Duct Kit for Cisco Networking Switch	AR7715
Cable Management	
Horizontal Cable Manager 2U x 6in Deep Single Side with Cover	AR8603A
Additional Vertical Cable Managers for Rear Rails of Networking Enclosures	AR7717A
Fiber Organizer Spools Quantity (4)	AR8444

AR8603A

AR8444

Schneider Electric