

FOR REFERENCE ONLY – EQUIPMENT RACKS PROVIDED BY OTHERS
SECTION 271301 - EQUIPMENT RACKS

PART 1 - GENERAL

1.1 SUBMITTALS

- A. Refer to section 260510.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Seismic Performance: Equipment frames shall withstand the effects of earthquake motions determined according to ASCE/SEI 7.

2.2 EQUIPMENT FRAMES

- A. Basis-of-Design Product: Subject to compliance with requirements, provide Commscope #1933559-1 or comparable product by one of the following, contingent upon compliance with the Contract Documents. Equal products by other manufacturers are acceptable providing Substitutions are submitted in accordance with requirements listed elsewhere in the Bid Documents and approved by the A/E:
 - 1. Panduit Corp
 - 2. Middle Atlantic Products, Inc.
 - 3. APC

- B. Floor-Mounted Racks: Two post 19”wide by 84” high.

- C. Comply with J-STD-607-A.

2.3 LABELING

- A. Comply with TIA/EIA-606-A and UL 969 for a system of labeling materials, including label stocks, laminating adhesives, and inks used by label printers.

- B. Label each rack front and back. Coordinate labeling standards through shop drawing process.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Comply with NECA 1.

- B. Comply with BICSI TDMM for layout and installation of communications equipment rooms.

- C. Securely attach rack to concrete floor using 3/8” hardware.

- D. Rack mount screws not used for installing fiber panels and other hardware shall be bagged and left with rack upon completion of installation.

3.2 GROUNDING

- A. Install grounding according to BICSI TDMM, "Grounding, Bonding, and Electrical Protection" Chapter.

- B. Comply with J-STD-607-A.
- C. Bond metallic equipment to the grounding bus bar, using not smaller than No. 6 AWG equipment grounding conductor.
 - 1. Bond the shield of shielded cable to the grounding bus bar in communications rooms and spaces.

3.3 IDENTIFICATION

- A. Labels shall be preprinted or computer-printed type.

END OF SECTION 271100