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Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice*.

The section must be carefully reviewed and edited by the Architect or Engineer to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all “Specifier Notes” when editing this section.

Section numbers and titles are from *MasterFormat* 2004 Edition.

SECTION 27 11 16

INTERMEDIATE DISTRIBUTION RACKS

Specifier Notes: This section covers Middle Atlantic Products, Inc. IDF Series Intermediate Distribution Rack. Consult Middle Atlantic Products for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Intermediate distribution racks.

1.2 RELATED SECTIONS

Specifier Notes: List sections with work directly related to this section.

- A.

1.3 REFERENCES

Specifier Notes: List standards referenced in this section, complete with designations and titles. This article does not require compliance with standards, but is merely a listing of those used.

- A. EIA/TIA 310D – Cabinets, Racks, Panels and Associated Equipment.
- B. ISO 9001:2000 – Quality Management Systems – Requirements.

1.4 SUBMITTALS

- A. Comply with Section 01 33 00 – Submittal Procedures.
- B. Product Data: Submit manufacturer’s product data, including options.
- C. Warranty: Submit manufacturer’s standard warranty.

1.5 QUALITY ASSURANCE

- A. Manufacturer’s Qualifications: ISO 9001:2000 registered company.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer’s original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer’s instructions.
- C. Handling: Protect materials and finish during handling and installation to prevent damage.

1.7 WARRANTY

- A. Warranty Period: Product lifetime.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Middle Atlantic Products, Inc. Phone (973) 839-1011. Fax (973) 839-1976. Website middleatlantic.com. E-mail info@middleatlantic.com.

2.2 INTERMEDIATE DISTRIBUTION RACKS

- A. Intermediate Distribution Racks: IDF Series Intermediate Distribution Rack.

Specifier Notes: Specify intermediate distribution rack model number. Consult Middle Atlantic Products product information for available models.

- 1. Model: IDF-TM-_____.
- 2. Type: 19-inch intermediate distribution rack.
- 3. Compliance: EIA/TIA 310D.

Specifier Notes: Specify overall and useable height.

4. Overall Dimensions:
 - a. Height: _____ inches (_____ mm).
 - b. Width: 23.52 inches (597 mm).
 - c. Depth: 28.73 inches (686 mm).
5. Useable Height: _____ rackspaces.
6. Assembly: Field assembly, self-aligning design.
7. Weight Capacity: 150 pounds
8. Rackrail: 11-gauge steel, 10-32 threaded, mounting holes in universal EIA spacing.
9. Top: 16-gauge steel.
10. Bottom, Door: 18-gauge steel.
11. Sides: 18-gauge steel, slot vented bottom, internal top-mounted 55 CFM fans with fan guards.
12. Bottom Knockouts: UHF/VHF antenna.
13. Removable Bottom Panel: 17.5-inch by 8-inch aluminum, can be machined in the field.
14. Top Cable Grommets: four gland grommets.
15. Grounding/Bonding Stud: internal, at top of rack.
16. 1900 Electrical Box: internal, at top of rack.
17. Power Distribution: rackmount, nine 15 Amp outlets, NEMA 5-15R.
18. Finish: Black powder coat.

2.3 OPTIONS

Specifier Notes: Specify required options. Delete options not required. Consult Middle Atlantic Products for more information.

- A. Rail Bracket Extender: converts rack to full front to rear adjustable rackrail.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive intermediate distribution racks.
- B. Notify Architect of conditions that would adversely affect installation or subsequent use.
- C. Do not begin installation until unacceptable conditions are corrected.

3.2 INSTALLATION

- A. Install intermediate distribution racks in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install intermediate distribution racks plumb, level, square, and secure.

3.3 ADJUSTING

- A. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.

3.4 PROTECTION

- A. Protect installed intermediate distribution racks from damage during construction.

END OF SECTION