

DIVISION 26 – ELECTRICAL

26 05 36 CABLE TRAYS FOR ELECTRICAL SYSTEMS

PART 1 - PRODUCTS

1.01 GENERAL

- A. This section covers electrical cable tray systems only. Communications and Information Technology (IT) cable trays are addressed in other sections.
- B. Conform to current and adopted version of NEMA VE-1.
 - 1. 24 inches maximum width and 12 inches minimum for corridor, flange-in, galvanized steel, solid bottom, trough type in corridors and classrooms, with 4 inches high (minimum) side rails.
 - 2. For the Main Distribution Facility (MDF), Intermediate Distribution Facility (IDF) and Data Centers, ladder-type cable runway:
 - i. Homaco
 - ii. Chatsworth
 - 3. For exposed conditions outside of the MDF's and IDF's acceptable cable tray:
 - i. Husky
 - ii. Square-D, B-Line Systems
 - iii. PW
 - iv. Finish shall be manufacturer's standard galvanized finish.
- C. Open bottom type cable trays, where cable and wiring are exposed to view, are not acceptable in corridors or classrooms. Interior surfaces shall be smooth and free of offset edges, projections or misalignment. Assembly bolts for end to end connections shall have a pattern which does not cause any damage to cable sheaths or jackets. All edges shall be smooth, rounded and de-burred.
- D. On-site fabrications shall not be accepted.

PART 2 - EXECUTION

2.01 GENERAL

- A. Finished tray shall have a minimum clearance of 12 inches above the open side of the tray to facilitate cable installation and maintenance.
- B. Wherever practical, trays shall be supported such that side entry for cables remains unobstructed.

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2.02 GROUND/BOND

- A. Provide a continuous #6 bare copper grounding cable through all lengths of tray. Bond to tray once on each length or section of tray using clamps manufactured for this purpose. Extend a green insulated #6 ground wire from tray and connect to building ground using NEC approved connections.

END OF SECTION