Cable tray type selection

Cable trays are a structural component of a building’s electrical system. The types that support a premises wiring system include ladder, ventilated through, or solid bottom.

- Ladder
  - Combined benefits of solid and ladder but offers additional support that ensures cables can be secured and uniformed
  - Protection from dust, water, or falling debris

- Ventilated
  - Full ventilation, ensures that heat produced in the cable’s conductors effectively dissipate and no moisture accumulation
  - Easy access to cables from the top or bottom

- Solid Bottom
  - Maximum protection against electromagnetic or radio-frequency interference
  - Secures and shields sensitive circuits

The NEMA Cable Tray Institute was created in 1991 to support the cable tray industry by engaging in research, development, and education outreach. For technical guidance and information on the construction, testing, performance, and installation visit: cabletrays.org