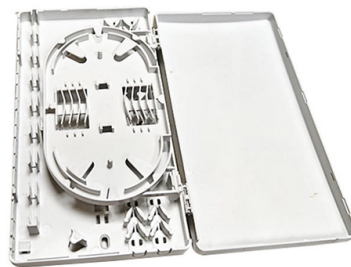


# Metal Mesh Cable Tray Installation Steps



## Summary of Content

Installing metal mesh cable trays involves careful planning, proper support placement, and secure mounting to ensure safe and efficient cable management.

### Step 1: Plan the Route

Before installation, determine the path your cable tray will follow. Consider clearance from walls, ceilings, and other utilities like HVAC ducts or pipes. Mark the route using a chalk line or laser level to ensure straight alignment. Identify locations for bends, tees, or elevation changes (risers) to accommodate the building layout and cable routing needs .

### Step 2: Select Tools and Materials

You will need:

- Tools: Power drill, hammer drill (for concrete), wrench set, measuring tape, level, hacksaw or angle grinder (for cutting trays), and a file for deburring edges .
- Materials: Metal mesh cable trays, couplers or splice plates, mounting brackets (wall arms, ceiling struts, or center-hung supports), threaded rods, anchor bolts, and grounding straps .

### Step 3: Install Supports

Supports are critical for load-bearing and stability. Standard spacing is typically 1.5 to 3 meters depending on tray type and load. Center-hung supports allow easier cable installation and can handle loads up to 318-340 kg per hanger . Secure supports to walls, ceilings, or floors using appropriate anchors or threaded rods, ensuring they are level and aligned with the planned route

## Article Content

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## Contact Us

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