

DIY Cable Tray Slots



Article Overview

DIY cable tray slots can be made from wood, cardboard, or modular materials to organize and separate cables efficiently under desks or along walls.

Materials and Tools

You can use recycled wood, plywood, or cardboard for a cost-effective DIY tray, or purchase PVC open-slot cable ducts for a ready-made solution . Essential tools include a saw, drill, screws, clamps, and optionally a hole saw for creating cable access slots . Velcro strips, zip ties, or adhesive clips can help secure cables within the tray .

Design Considerations

- **Slot Size:** Ensure slots are wide enough for your cables. For example, commercial open-slot ducts often have 6 mm (0.23 inches) slots suitable for power cords, Ethernet cables, and small adapters .
- **Accessibility:** Large or multiple openings allow you to add or remove cables without disassembling the tray .
- **Modularity:** Consider a modular design with separate compartments for different cable types to prevent tangling .
- **Mounting:** Attach the tray under a desk or along a wall using screws or adhesive strips. Leave a small gap between the tray and the wall for additional threading options .

Step-by-Step DIY Example

- Cut the base and sides of your tray from wood or cardboard to the desired length.

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