

Electrified Locks, Relays and Timers

CM-PT250 (Zamak) Power Transfer Cables

INSTALLATION INSTRUCTIONS

THIS PACKAGE INCLUDES:

- | | |
|--------------------------|---------------------------------|
| 1 - Power Transfer Cable | 4 - #6 x 1" Self Tapping Screws |
| 2 - Endcaps | 4 - Nylon Anchor Plugs |
| 4 - Endcap Plugs | |

1. GENERAL DESCRIPTION

Camden's Power Transfer Cables are ideal for connecting power to door accessories like crash bars, electric locks, and other security devices. Their flexible yet durable construction makes them suitable for a wide range of commercial, industrial, and institutional applications where reliable power transmission is critical. Our Power Transfer Cables are crafted with precision engineering, ensuring they exceed industry expectations for performance and durability.

2. SPECIFICATIONS

Model Number	Length Options	Inside Diameter	Screw Size	Material	Endcap Type
CM-PT250-12	12" (305mm)	1/4" (6.4mm)	#6 x 1" Screws	Stainless Steel, US26 finish	Zamak

Wire Fill Chart:

Model Number	Number of Wires @ #18 AWG	Number of Wires @ #20 AWG	Number of Wire @ #22 AWG
CM-PT250-12	4 Conductors	8 Conductors	12 Conductors

3. INSTALLATION

Initial Setup

- Identify Model:** Follow these steps if you are installing the CM-PT250 (Zamak) Camden Power Transfer Cable.
- Position Endcaps:** Place the Endcaps at the intended mounting locations on the door frame and the door, and align them with the path of the Power Transfer Cable.
- Align and Mark Cable Passage Hole and Mounting Locations:** Mark the hole locations for cable passage and the Endcap mounting locations on both the door frame and on the door using the Endcaps or the previously drilled hole as a guide.

(See Figure 3.1 and 3.2 on the next page for reference.)

Drilling and Mounting

- Drill Cable Passage Hole:** Drill a 1/4" (2.5mm) diameter hole through the door frame and on the door to allow the Power Transfer Cable to pass through.
- Drill Endcap Mounting Holes:** Drill pilot holes at the marked locations using a 3/32" (2.4mm) drill bit for the #6 x 1" screws for mounting.
 - Insert Anchor Plugs (if necessary):** Insert anchor plugs into the pilot holes for surfaces requiring additional support. Drill pilot holes at the marked locations using a 3/16" (4.8mm) drill bit if using anchor plugs.
- Attach Endcaps:** Secure the Endcaps on the door frame and door with the #6 x 1" screws provided.

Cable Installation

7. **Insert Cables:** Insert the cables in and through the Power Transfer Cable Loop.
8. **Install Power Transfer Cable:** Thread the Power Transfer Cable Loop ends through the openings in the Endcaps, ensuring there are no sharp bends or tension in the cables.

Finishing

9. **Cover Exposed Screws:** Place the Endcap plugs over the exposed screw heads.

