

# SECTION G

## Jacks and Cords

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# JACKS AND CORDS



The RJ31X Jack provides a path of electronic alarm signals over the telephone line to a central monitoring company. This jack allows the alarm panel to take priority over all other telephone equipment on the same line.

## PRODUCT SPECIFICATIONS

- High Impact, Self-Extinguishing Plastic Housing, UL 94V-0 Rating
- Spring Wire Contacts: Phosphor bronze, plated with 50 micro-inches of hard gold over 100 micro-inches of nickel.
- Shorting Bar
- Wire Leads: 8-Conductor, color-coded 26 AWG stranded copper wire with PVC insulation.
- Steel Collar
- Steel Screws Dipped in Copper and Nickel Plating
- Double-Sided Adhesive Lined Sponge Tape
- Combination Mounting Screw
- Special Design Mounting Tabulation
- Meets FCC Requirements

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## INSTALLATION INSTRUCTIONS

1. First, wire the RJ31X male plug to the alarm control panel by connecting the red and green wires to the outside phone line terminals, and the gray and brown wires to the inside telephone terminals.
2. Then, to install the jack itself, connect the:
  - a. Incoming line to terminals 4 and 5
  - b. Inside telephones to terminals 1 and 8
3. This enables the digital communicator to disconnect the inside telephones while it communicates with the central station.
4. Install a jumper wire between terminals 2 and 7, and then connect the blue and orange wires to a 24-hour tamper circuit inside the alarm control panel. This prevents deliberate or accidental removal of the male plug from the RJ31X Jack.

## RJ31X JACKS

| ITEM #  | DESCRIPTION   |
|---------|---|
| DC-3100 | RJ31X Jack with Shorting Bar  |
| DC-3112 | RJ31X Jack with Shorting Bar and 2-FT<br>8-Conductor Line Cord with Spade Terminal<br>Ends      |
| DC-3142 | RJ31X Jack with Shorting Bar and 2-FT<br>8-Conductor Line Cord, Modular Plug to<br>Modular Plug |

## LINE CORDS

| ITEM #  | DESCRIPTION  |
|---------|--|
| DC-3120 | 2-FT, 8-Conductor, 8 Pin RJ31X Line Cord /<br>Spade Terminal Ends          |
| DC-3122 | 2-FT, 8-Conductor, 8 Pin RJ31X Line Cord /<br>Wire Pin Terminal Ends       |
| DC-3170 | 7-FT, 8-Conductor, 8 Pin RJ31X Line Cord /<br>Spade Terminal Ends          |
| DC-3182 | 2-FT, 8-Conductor, 8 Pin RJ31X Line Cord /<br>Modular Plug to Modular Plug |
| DC-3187 | 7-FT, 8-Conductor, 8 Pin RJ31X Line Cord /<br>Modular Plug to Modular Plug |