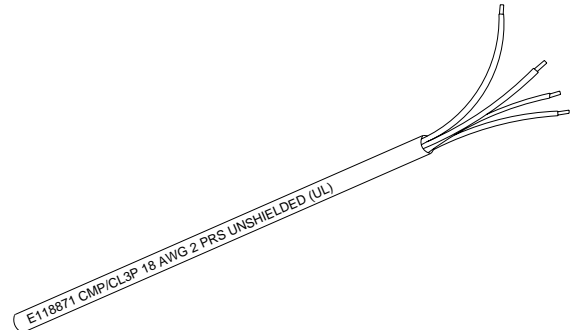




Smartwired Dataline

- ◆ Color-coded, four-wire dataline
- ◆ Two independent twisted pairs, red/black twisted pair carries data; blue/white twisted pair carries 24VAC
- ◆ 18 AWG (7 strands x 26 AWG) unshielded copper conductor
- ◆ Total dataline length (both local and global) is 1500 feet
- ◆ UL listed, one year warranty



Component Information

A key hardware infrastructure component for The Watt Stopper's Smartwired Switching System (SWS) is the SWS Dataline. The four-wire, color-coded Dataline wire is critical for reliable network communications, either globally from panel to panel or locally, from panel to accessory devices such as SWS Dataline Switches.

Basic Operation

Using network data communication, the SWS Dataline wire provides the communication pathway between individual panels and Dataline Switches (the "local" dataline) or between panels in a networked system of panels (the "global" dataline). The dataline can support up to 64 intelligent devices in a single network. Maximum dataline length for both local and global combined cannot exceed 1500 feet. If longer distances are needed or more devices required, users can incorporate a network repeater to expand the system (NR-110).

Features & Applications

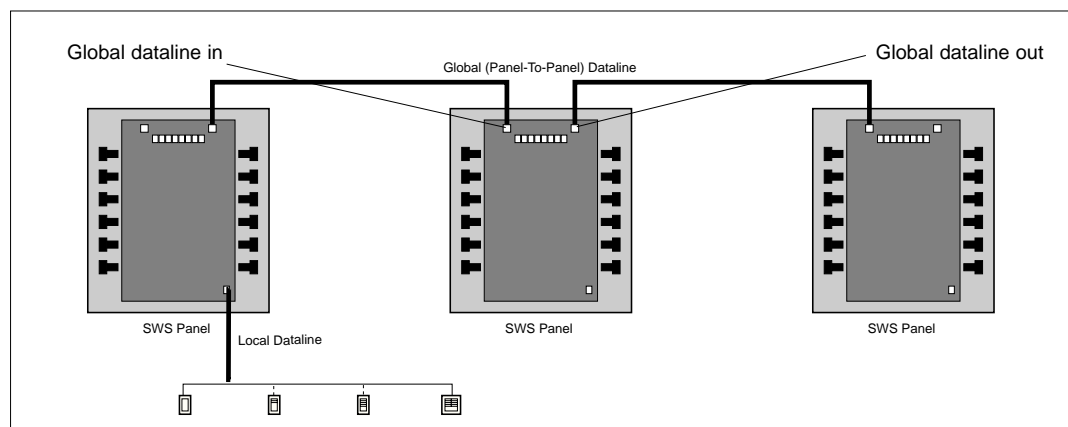
The SWS Dataline wire streamlines installation with color-coded wires for easy matching to system terminations. For dataline connections, users may daisy-chain several Dataline Switches together from a single panel connection. Because the SWS control system is a highly distributed one, dataline quality and connections are critical to ensuring trouble-free start-up and operation of the lighting control system. Using SWS Dataline Wire and following recommended installation practices ensures that installation and operation of the SWS system is trouble-free.

Ordering Information

Catalog No.	Description
HDLW4*	SWS Dataline wire

*Add -P after catalog number on HDLW4 for plenum rated cable

Dataline Connections



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