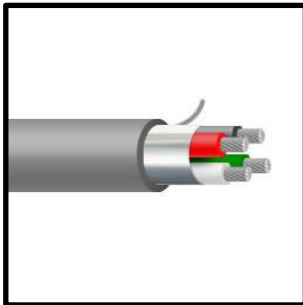**Wiring Specifications**

When wiring low voltage systems, whether digital or analog, it is extremely important that the correct wire be used to ensure successful control capability. Please read below to determine the wire type needed for your current Touch-Plate application. Some wire types are available from our factory by the foot or in complete spools. Please contact us for pricing and availability.
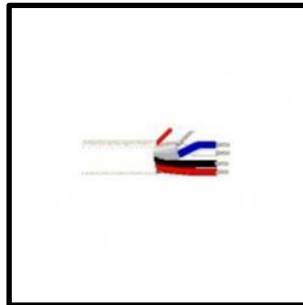
1. **Wiring digital systems**, including those using BACnet, DMX, and Modbus protocols, and those using a Time-Keeper or Nexus controller.

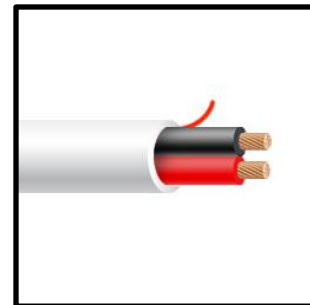| Application	Touch-Plate Part Number	Equivalent	Description
Wiring Panel to Panel	PNL-WIR40020	Belden 9729	24 AWG, 2PR, Shielded
Wiring 5W Digital Switches/Sensors	PNL-WIR40025	Belden 1502R	22/18 AWG, 2C Shielded
Wiring 2W Digital Switches/Sensors	N/A	Belden 6200UE	16 AWG, 2C, Unshielded

Belden 9729	**Belden 1502R**	**Belden 6200UE**

2. **Wiring analog systems**, such as the ZoneZ Lite or Calypso NextGen.

Application	Wire Specification or Equivalent	Description
Wiring ZoneZ Relay/Dimmer Panels	Belden 8458	22 AWG, 15 Conductor, Unshielded
Wiring Calypso NextGen Panels	Belden 9431	22 AWG, 20 Conductor, Unshielded