



Blunt nose pliers. Important to be blunt nosed. Plays a big roll in the twist of the wire prior to the inclusion of the wire nut.



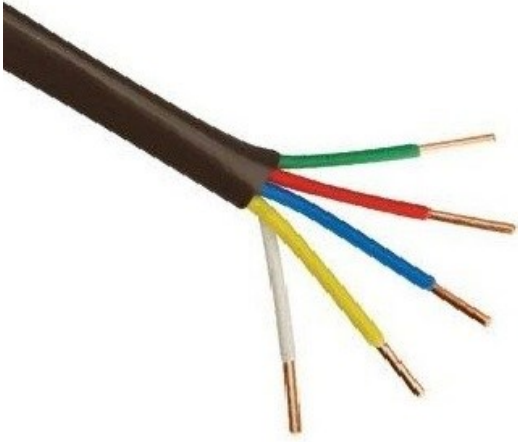
Wire cutters / side cutters.
Some will use the wire strip-
pers or pliers for this. But I
find these better for cutting
wire.



Wire strippers. Can be whatever you prefer, but I do suggest the above style. They automatically size for different wire sizes.

The below noted are fine as well.





18 ga multi strand wire and 14 ga single strand or jacketed 14 ga 2-wire decoder wire. A few feet each. Enough to be able to cut and connect wires.



DBY style, Gel cable connectors,
Dry Splice style, connectors.
Various so we have some to put
together.



And a multi Meter that can read AC, DC, and Ohms of resistance. Can be auto ranging or not. Can be clamp meter or not. But consider this tool as the most important one you will be using while troubleshooting. So don't go cheap.



Irrigation Valves, AC. Two or more different brands if possible. One or two dead ones if possible. Visit your local distributor and ask for a couple out of their warranty bin.



Irrigation controller in working order. AC. Something that runs on AC power. Not a battery powered controller.