

Low Voltage Wire

In-wall NEC rated wire types and applications

Low voltage, in-wall rated wire comes in many forms that work together to create a versatile lighting system. Here we depict wiring in general purpose areas to illuminate recommended tape light installations. The main floor is connected to the second level with vertical floor to floor wire commonly known as riser (can be substituted with plenum wire). Plenum-rated wire can then be used throughout drop ceilings where ventilation requires higher standards.

CM	Communications general purpose cable is best suited for common areas – the open areas in which we live and work. So, when looking for in-wall wire for cabinet-to-cabinet, hanging shelf or other non-plenum or non-riser (vertical between floors) installations, this option works well.
CMP	Communications plenum cable offers a flame retardant coating that makes the product suitable for spaces above dropped ceilings or below raised floors that are used for heating ventilation or air conditioning.
CL3P	Class 3 plenum cable allows the wire to take on higher levels of voltage (300V) than Class 2 (150V). This plenum-rated product is suitable for spaces above dropped ceilings or below raised floors that are used for heating ventilation or air conditioning.

