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Electrical Wire



TM

Specification Chart

Product Type	Description	Functions
Electrical Wires	<p>Electrical Wires have a single electrical conductor, usually cylindrical, flexible strand or rod of metal, are used to bear mechanical loads or electricity.</p> <p>Wire is commonly formed by drawing the metal through a hole in a die. These wire generally available in such types i.e. Triplex Wire, Main Power Feeder Wires, Panel Feed Cable, Main Power Feeder Wires, Non-metallic Sheath Wire, Single Strand Wire.</p>	<p>Triplex Wires are usually used in single-phase service drop conductors, between the power pole and weather heads. They are composed of two insulated aluminum wires wrapped with a third bare wire which is used as a common neutral. The neutral is usually of a smaller gauge and grounded at both the electric meter and the transformer.</p> <p>Main Power Feeder Wires are the wires that connect the service weather head to the house. They're made with stranded or solid THHN wire and the cable installed is 25% more than the load required.</p> <p>Panel Feed Cables are generally black insulated THHN wire. These are used to power the main junction box and the circuit breaker panels. Just like main power feeder wires, the cables should be rated for 25% more than the actual load.</p> <p>Main Power Feeder Wires are the wires that connect the service weather head to the house. They're made with stranded or solid THHN wire and the cable installed is 25% more than the load required.</p> <p>Non-Metallic Sheath Wire is used in most homes and has 2-3 conductors, each with plastic insulation, and a bare ground wire. The individual wires are covered with another layer of non-metallic sheathing. Since it's relatively cheaper and available in ratings for 15, 20 and 20 amps, this type is preferred for in-house wiring.</p> <p>Single Strand Wire also uses THHN wire, though there are other variants. Each wire is separate and multiple wires can be drawn together through a pipe easily. Single strand wires are the most popular choice for layouts that use pipes to contain wires.</p>