

**Parallel cable** – Two insulated conductors in parallel in a cable.

**PBT** – Polybutylene Terephthalate - Can be used as an insulation material.

**PE** – Polyethylene - Can be used as an insulation or jacket material.

**PET** – Positron Emission Tomography - Nuclear medicine imaging technique that produces a three-dimensional image or picture of functional processes in the body.

**PEV** – Personal Electric Vehicles.

**PFA** – Perfluoroalkoxy - Can be used as an insulation or jacket material.

**PFMEA** – Process Failure Mode Effects Analysis.

**PHEV** – Plug-in Hybrid Electric Vehicle.

**Photovoltaic (PV)** – Technology which uses a device (typically a solar panel) to produce free electrons when exposed to light, resulting in the production of an electric current.

**PHV** – Plug-in Hybrid Vehicles.

**Picofarad (pF)** – Unit of measure for capacitance.

**Plasticizer** – Chemical agent added to plastics to make them softer and more pliable.

**Plating** – Any thin metallic coating applied over a metallic component such as copper.

**Plenum** – Air return path of a central air handling system, either ductwork or open space over a dropped ceiling.

**Plenum-rated cables** – Cables that are jacketed with a fire resistant plastic jacket of either a low-smoke PVC (polyvinyl chloride) or a FEP (fluorinated ethylene polymer).

**PLTC** – Power Limited Tray Cable - UL 13 listed, Article 725 of the National Electrical Code® for factory assembly of two or more insulated conductors, with or without grounding conductor(s), and enclosed in nonmetallic sheath or armor with an operating voltage of 300V.

**Pneumatic** – Moved, worked or controlled by air pressure.

**PMI** – Project Management Institute - Non-profit professional organization for the project management profession with the purpose of advancing project management.

**PMS** – Pantone Matching System - Proprietary color space used in a variety of industries.

**PoCL®** – Power over Camera LINK® - Standard provides power to the camera via the PoCL connection through a PoCL supported camera link cable.

**Polyethylene (PE)** – Thermoplastic material composed of ethylene polymers. Material is derived from the polymerization of ethylene gas.

**Polymer** – Material formed by the chemical union of monomers having either the same or different chemical composition.

**Polypropylene (PP)** – Can be used as an insulation or jacket material.

**Polyvinyl Chloride (PVC)** – Can be used as an insulation or jacket material.

**PP** – Polypropylene - Can be used as an insulation or jacket material.

**Pressured** – A type of extrusion where plastic is forced onto wire and cable taking a closely related shape.

**Print wheel** – Engraved wheel which transfers ink writing to the cable as it passes under the wheel.

**PROFIBUS®** – Standard for field bus communication in automation technology.

**PROFINET®** – Open industrial Ethernet standard of PROFIBUS® and PROFINET® International for automation.

**PSI** – Pounds per Square Inch - Unit of measure for pressure.

**PTFE** – Polytetrafluoroethylene - Can be used as a cable wrap or separator.

**PUR** – Polyurethane - Can be used as a jacket material.

**PVC** – Polyvinyl Chloride - Can be used as an insulation or jacket material.

**PVDF** – Polyvinylidene Fluoride - Can be used as an insulation or jacket material.

**Pyrogens** – Dead bacteria.

**Quad** – A four conductor cable.

**QC/QA** – Quality Control/Quality Assurance.

**QPL** – Qualified Product List.

**RAL** – Color matching system used in Europe.

**Rated temperature** – Maximum temperature at which an electric component can operate for extended periods without loss of its basic properties.

**Rated voltage** – Maximum voltage allowed for the cable during normal operating conditions.

**REACH** – European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals - It came into force on June 1st, 2007 and replaced a number of European Directives and Regulations with a single system.

**Reel** – Flanged cylinder made of wood, metal or plastic that holds wire for process and shipping.

**Reel tag** – Label attached to reels providing a variety of information about product, including cable description, cable listing (UL and/or CSA ratings) and customer information.

**Resistance (Ω)** – In DC circuits, the opposition a material offers to current, measured in ohms. In AC circuits, resistance is the real component of impedance, and may be higher than the value measured at DC.