Product Construction:
Conductor:
• 14 AWG thru 1000 kcmil compact copper. Class B stranding
• 14 AWG thru 1000 kcmil compressed tin-coated copper. Class C stranding
• 6 AWG thru 1000 kcmil compact aluminum alloy (AA-8000 series). Class B stranding
Insulation:
• Dual-layer insulation:
  - Lead-free Ethylene Propylene Rubber (EPR) and black Cross-linked Chlorinated Polyethylene (XL-CPE) jacket
  - LSZH Cross-linked Polyolefin (XLPO) and black LSZH Cross-linked Polyolefin (XLPO)*
• Single-layer Insulation:
  - Black Cross-linked Polyethylene (XLPE)
  - Black LSZH Cross-linked Polyolefin (XLPO)

Product Features:
• Available in 600 V and 2000 V designs
• Meets the requirements of:
  - UL 4703 Type PV
  - UL 44 Type RHH or RHW-2
  - UL 854 Type USE-2
• Rated 90°C for wet or dry locations
• Rated for direct burial
• Stable electrical properties over a broad temperature range
• Flame test compliances:
  Copper:
  - UL 2556 VW-1
  - For sizes 1/0 and larger: IEEE 1202
  Aluminum:
  - UL 2556 VW-1
• Dual-layer construction provides extra protection from mechanical abuse
• Meets cold bend and cold impact tests at -40°C
• UV- and sunlight-resistant
• Resistant to most oils and chemicals
• Colors available upon request

Applications:
• Single conductor 600 V or 2000 V for interconnection wiring of grounded and ungrounded photovoltaic power systems as described in Section 690.31(A) and other applicable parts of the National Electrical Code® (NEC), NFPA 70

General Cable’s SunGen® line of photovoltaic wire is specifically designed to meet the demanding environmental requirements and installation challenges associated with solar projects. General Cable PV wire offers long-term reliability, high performance and durability. Our PV cables can be installed in a wide range of solar applications: from the panel to the combiner box, from the combiner box to the inverter, and from the inverter to the transformer.