

A Shining New Breakthrough!



STABILOY
SunPlus™
PV CABLE

**Introducing the new STABILOY® SunPlus™ PV Conductor.
Meets 2kV standards for direct burial and cable tray installations.**

Alcan Cable brings you a new single conductor aluminum alloy photovoltaic wire – STABILOY® SunPlus™ PV. Experience the performance and quality you have come to expect from our STABILOY brand of aluminum alloy conductors in a new offering specifically designed for the solar market.

Single conductor – 600V, 2kV, 90°C wet or dry, (-40°C), VW-1, CT, direct burial, sunlight resistant





Low Voltage Aluminum Alloy Power Cables — 600V, 1000V and 2000V

High-quality AA-8030 aluminum alloy conductors feature a unique composition of metals that is specifically engineered for superior performance.

STABILOY® SunPlus™ PV Single conductor – 600V, or 2kV, 90°C wet or dry, (-40°C), VW-1, CT-rated, Sunlight Resistant, Direct Burial PV UL 04703 cable for interconnection wiring of grounded and ungrounded photovoltaic power systems described in wiring systems Article 690 and NEC.

STABILOY® XHHW-2 feeder cable is used for residential, commercial, and industrial installations. This cable is also available with XHHW-2 conductors that are phase-identified, with three wide color-coded stripes for identification. In addition, it is used in cable trays (with “CT USE” marking) and messenger supported wiring applications. Single conductor insulated products are rated at 600 volts and comply with UL Standard 44.

STABILOY® USE-2/RHH/RHW-2 feeder cable is used for residential, commercial, and industrial construction, as well as in underground power distribution and network systems. It is also used in cable trays (with “CT USE” marking) and messenger supported wiring applications. Single conductor insulated products are rated at 600 volts and comply with UL Standards 44 and 854.

Zephyr2000™ Type RHH/RHW-2 2000V aluminum conductors are used in special applications, such as wind and solar power generating facilities. Single conductor insulated products are rated at 2000 volts and comply with UL Standard 44.

NUAL® RWU90 in its most common construction carries a voltage rating of 1000 volts and complies to CSA standard C22.2 No. 38. This cable is suitable for direct burial in both wet and dry locations.

NUAL® TECK90 cable is a rugged, durable cable of versatile construction proven through many years of service in mines and major resource industries such as the pulp and paper, petrochemical and metal industries. TECK90 cables are approved for a wide variety of applications governed by the Canadian Electrical Code, Part I and complies to CSA Standard C22.2 No. 38 ACM alloy conductors.

NUAL® ACWU90 conductor is used for feeders and service entrances, as well as certain dedicated branch circuits in non-combustible buildings. These conductors are certified for outdoor and other wet applications, including direct burial in the earth.

STABILOY® MC Cable with Jacket is used for both aboveground and underground applications. This cable includes a PVC jacket and is listed for direct burial, for application in cable trays, and for wet locations. It is sunlight resistant and available in 600V and 2kV.



Bare Aluminum Transmission Cables

High-quality 1350-H19, HO and 6201-T81 alloys feature a unique composition of metals that is specifically engineered for superior performance.

ACCC® (Aluminum Conductor Composite Core) conductor's ability to reduce line losses – by 30 to 40% – can provide significant reductions in fuel consumption and their associated emissions from fossil fuel sources or improve the overall efficiency and economic performance of renewable systems. Increased power delivery can also reduce the demand for new sources of energy.

Aluminum Conductor Steel Reinforced (ACSR) provides exceptional performance and reliability. With a wide range of stranding ratios and steel core strengths, Alcan Cable's ACSR can be tailored to offer the right balance of strength and ampacity for your overhead power transmission and distribution projects.

Aluminum Conductor Steel Supported (ACSS) cable features HiTemp EC conductors that provide distinct advantages for certain transmission line applications, including the ability to operate continuously at temperatures up to 250°C with appropriate steel core coating (vs. 100°C for standard ACSR).