



Powering **America's** Grid Modernization with **Utility-Grade Cable Solutions**



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ABOUT APAR USA



APAR is a global leader in high-performance Electrical Wire, Cable and Conductor solutions. With commercial activities spanning over 140 countries, APAR designs, manufactures and supplies conductors, power cables and building wire solutions serving mission critical industries like Data Centers, Renewables, Power (Generation, Transmission & Distribution); all engineered to meet the highest US and International standards.

WHY APAR USA?

APAR combines nearly 7 decades of global-scale manufacturing expertise with local agility through APAR USA — delivering high-performance cables and wires, industry-leading lead times, and deep technical expertise.

With proven reliability across Power, Infrastructure, Renewables, Electric Vehicle Infrastructure, Oil & Gas and Data Center projects, APAR isn't just a manufacturer, but a trusted long-term partner built to serve America's growing energy needs.

APAR PRODUCT LINES

- ◆ Power Cables (LV, MV, HV)
- ◆ Bare & Insulated Copper Wires
- ◆ Solar DC & AC Photovoltaic Cables
- ◆ Specialty Cables (Instrumentation, Control, Fire-Survival)
- ◆ Telecom & Signaling Fibre Optic Cables
- ◆ Flexible Industrial Wires
- ◆ Building Wires
- ◆ Portfolio of 10K SKUs of which 4K available for the US market



MV XLPE / TR-XLPE Cable

- ◆ Utility-grade medium-voltage cable optimized for low losses and long buried runs, making it ideal for large solar plants and grid interconnections.

Construction / Components

- ◆ Shielded MV cable; Cu/Al; XLPE/TR-XLPE

Key Characteristics

- ◆ Low dielectric loss; long buried runs; utility-grade

Typical Applications (US Market)

- ◆ Solar farm MV feeders; grid interconnect

Key Industry Segments



Utilities



Utility-scale
Solar



Renewable
Infrastructure Developers

UL 1072/ 5–35 kV
UL Standard/Voltage Class

MV EPR Cable

- ◆ Flexible, rugged medium-voltage solar collector cable with EPR insulation-engineered for harsh outdoor and buried solar farm environments.

Construction / Components

- ◆ Shielded MV cable; Cu/Al; EPR insulation

Key Characteristics

- ◆ Flexible; moisture resistant; rugged

Typical Applications (US Market)

- ◆ Solar collector circuits; inverter to substation



Key Industry Segments



Utility-scale
Solar



Renewable
EPCs



Independent Power
Producers (IPPs)

UL 1072/ 5–35 kV
UL Standard/Voltage Class

Spacer Cable

- ◆ Covered conductor system designed for compact overhead distribution, improving reliability and right-of-way utilization in urban and heavily vegetated areas.

Construction / Components

- ◆ Covered Aluminum phase conductors (XLPE/HDPE insulation), Messenger wire (AAAC/ACSR), Spacer assemblies for phase separation

Key Characteristics

- ◆ Reduced outages due to tree contact; Compact configuration; Optimized right-of-way usage; Enhanced reliability vs bare conductor systems; Suitable for higher wind/ice loading conditions

Typical Applications (US Market)

- ◆ Urban and suburban overhead distribution; Tree-dense or storm-prone regions; Utility distribution line upgrades/reconductoring



Key Industry Segments



Electric
Utilities



Municipal
Utilities

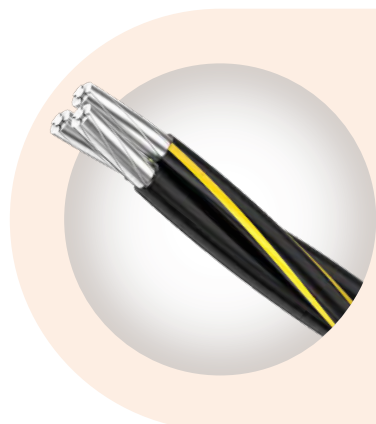


Rural
Utilities

Utility Specifications;
NESC / ASTM (as applicable)



Scan this
QR for product
datasheets



URD Triplex

- ◆ Direct-burial aluminum underground distribution cable used by utilities for transformer-to-meter service in residential developments.

Construction / Components

- ◆ 2 insulated phase + 1 neutral (Al); twisted

Key Characteristics

- ◆ Direct burial; moisture resistant; compact

Typical Applications (US Market)

- ◆ Transformer-to-meter underground service

Key Industry Segments



Electric Utilities



Housing Developers



Municipal & Rural Co-ops

ICEA / Utility specs; NESC / NEC
UL Standard/Voltage Class

Service Drop

- ◆ Secondary distribution

Construction / Components

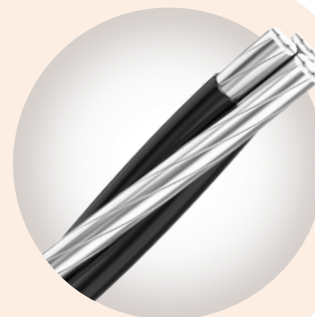
- ◆ Aerial triplex/quadruplex; Al conductors

Key Characteristics

- ◆ Weather resistant; high mechanical strength

Typical Applications (US Market)

- ◆ Pole-to-building overhead service



Key Industry Segments



Electric Utilities

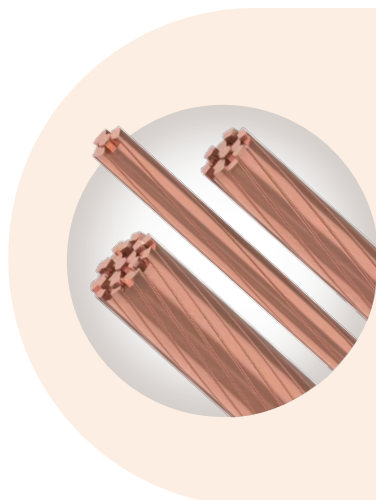


Rural Electrification



Residential & Commercial Service Providers

NEC Art. 230; NESC
UL Standard/Voltage Class



Bare Copper Stranded Conductor

- ◆ High-conductivity copper conductor used for grounding, overhead transmission & substation applications requiring superior electrical performance & corrosion resistance.

Construction / Components

- ◆ Stranded annealed or hard-drawn copper conductors; Concentric lay (Class B / Class C stranding options)

Key Characteristics

- ◆ High conductivity; High corrosion resistance; High tensile strength; Long service life and reliability

Typical Applications (US Market)

- ◆ Grounding and earthing systems; Substation busbars and jumpers; Overhead transmission/distribution (select applications)

Key Industry Segments



Electric Utilities



Industrial Facilities



Infrastructure & EPC projects

ASTM B1, B8 (as applicable)
NESC / Utility specifications



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Photovoltaic (PV) Cable

- ◆ Purpose-built DC solar cable designed to withstand UV, heat, and outdoor exposure. Ideal for PV module strings and DC interconnections up to 2000 V DC.

Construction / Components

- ◆ Single conductor Cu; UV-stabilized XLPO/XLPE

Key Characteristics

- ◆ UV/weather resistant; flexible; outdoor-rated

Typical Applications (US Market)

- ◆ PV module strings, DC solar wiring

Key Industry Segments



Residential Solar



Commercial & Industrial Solar



Utility-scale Solar EPCs

UL 4703/ 600–2000 V DC
UL Standard/Voltage Class

XHHW / XHHW-2

- ◆ High-performance 600-V thermoset building wire for feeders and branch circuits. XHHW-2 delivers 90 °C performance in wet locations, making it ideal for modern conduit installations

Construction / Components

- ◆ Single conductor; Cu or Al; XLPE insulation

Key Characteristics

- ◆ Thermoset insulation; high heat & moisture resistance; XHHW-2 = 90 °C wet/dry

Typical Applications (US Market)

- ◆ Feeders, branch circuits, motors, panels (in conduit)



Key Industry Segments



Commercial Buildings



Industrial Plants



Infrastructure Projects



MRO Contractors

UL 44/ 600 V
UL Standard/Voltage Class



Also Available in the US

OVERHEAD BARE CONDUCTORS



ACCC®

Aluminum Conductor
Composite Core



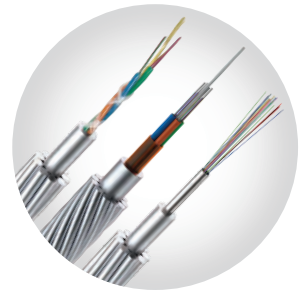
ACSR

Aluminum Conductor
Steel Reinforced



AAAC

All Aluminum
Alloy Conductor



OPGW

Optical Ground
Wire

UL COMPLIANCE CERTIFICATIONS

UL-44- Thermoset Insulated Wires & Cables

UL-1277- Power and Control Tray Cable

UL-1650- Portable Power Cables

UL-83- Thermoplastic Insulated Wires

UL-66- ZIPR - Fixture Wire

UL-1651- Optical Fiber Cable

UL-62- Flexible Cords and Cables

UL-1493- Underground Low-energy
Circuit Cable

UL-854- Service Entrance Cable

UL-2882- Radio Head Cable

UL-758- Appliance Wiring Material

UL-4703- Hybrid/Photovoltaic Cable

UL-1072- Medium Voltage Power Cables

UL-3003- Distributed Generation Cable

UL 444 Communications Cables

UL-493- YDUX - Underground Feeder and
Branch Circuit Cable

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