

UTILITY CONTROL CABLE

BETTER: Lake Cable's process allows us to manufacture to exact utility specifications and requirements. **SMARTER:** Lake Cable is the manufacturer of choice for completing mission critical projects and scheduled or unscheduled maintenance. **FASTER:** Small minimum order quantities and manufacturing lead times that are the best in the industry.

In addition to being designed for control applications within substations, switchyards and power plants, utility control cable is used predominantly for control circuits in substations, supervisory control and metering applications. Our cable can also be direct buried and installed in cable trays, raceways, conduit or anywhere outside cable management devices when supported every 6 feet and TC-ER rated. It can be shielded where signal integrity is crucial with Helical or Corrugated Copper Tape, Bronze Tape or Aluminum Mylar. **All cable configurations are available in 600V, 1kV or 2kV.**

XLPE/PVC



- Individual conductors pass UL VW-1 flame test, rated XHHW-2/VW-1 or RHW-2/VW-1 for 2kV
- UL listed as Type TC-ER per UL Standard 1277 for tray cables with 3+ conductors
- UL approved for Direct Burial, Oil Res I & II and Sunlight Resistant applications
- Cable meets UL 1581 & IEEE 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- Meets ICEA S-73-532 & S-95-658 WC70 where applicable

Excellent low temperature and cold bend properties. Easy pulling and excellent thermal and mechanical characteristics. .



- 18 AWG - 4/0 AWG
- Bare or Tinned Copper
- Up to Class K/Class 5 Stranding
- Up to 60 Conductors
- Shielded or unshielded
- 90°C wet/dry
- E1 or E2 color codes available

SHIELDING OPTIONS:

- Longitudinal Corrugated Copper Tape
- Helical Copper Tape
- Bronze Tape
- Aluminum Mylar
- Zetabon® Bonded Aluminum Mylar

XLPE/CPE



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XLPE/LSZH



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- E1 or E2 color codes available

SHIELDING OPTIONS:

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- Helical Copper Tape
- Bronze Tape
- Aluminum Mylar
- Zetabon® Bonded Aluminum Mylar



- Suitable for Direct Burial and Sunlight Resistant applications
- Cable meets ICEA S-73-532 testing requirements
- High molecular weight polyethylene (HMWPE) and PVC insulation
- PVC jacket

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- 18 AWG - 4/0 AWG
- Bare or Tinned Copper
- Up to Class K/Class 5 Stranding
- Up to 60 Conductors
- Shielded or unshielded
- 75° to -40°C
- E1 or E2 color codes available

SHIELDING OPTIONS:

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- Helical Copper Tape
- Bronze Tape
- Aluminum Mylar
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Excellent low temperature and cold bend properties. Easy pulling and excellent thermal and mechanical characteristics. **When the project requires the most robust cable design, thermoset is the appropriate choice for the widest range of conditions.**



THERMOSET

- 18 AWG - 4/0 AWG
- Bare or Tinned Copper
- Up to Class K/Class 5 Stranding
- Up to 60 Conductors
- Shielded or unshielded
- 90°C wet/dry
- E1 or E2 color codes available

SHIELDING OPTIONS:

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- Helical Copper Tape
- Bronze Tape
- Aluminum Mylar
- Zetabon® Bonded Aluminum Mylar

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BETTER. SMARTER. FASTER.™