

■ WIRE & CABLE FOR CRITICAL INFRASTRUCTURE

Power behind every connection.

Cable solutions for Canadian data centres.
From utility distribution to telecom power.



■ 01

Facility power

Medium-voltage, armoured cable and building wire.

■ 02

Telecom power

L2, L3 and L4 constructions for telecom power applications.

■ 03

Project delivery

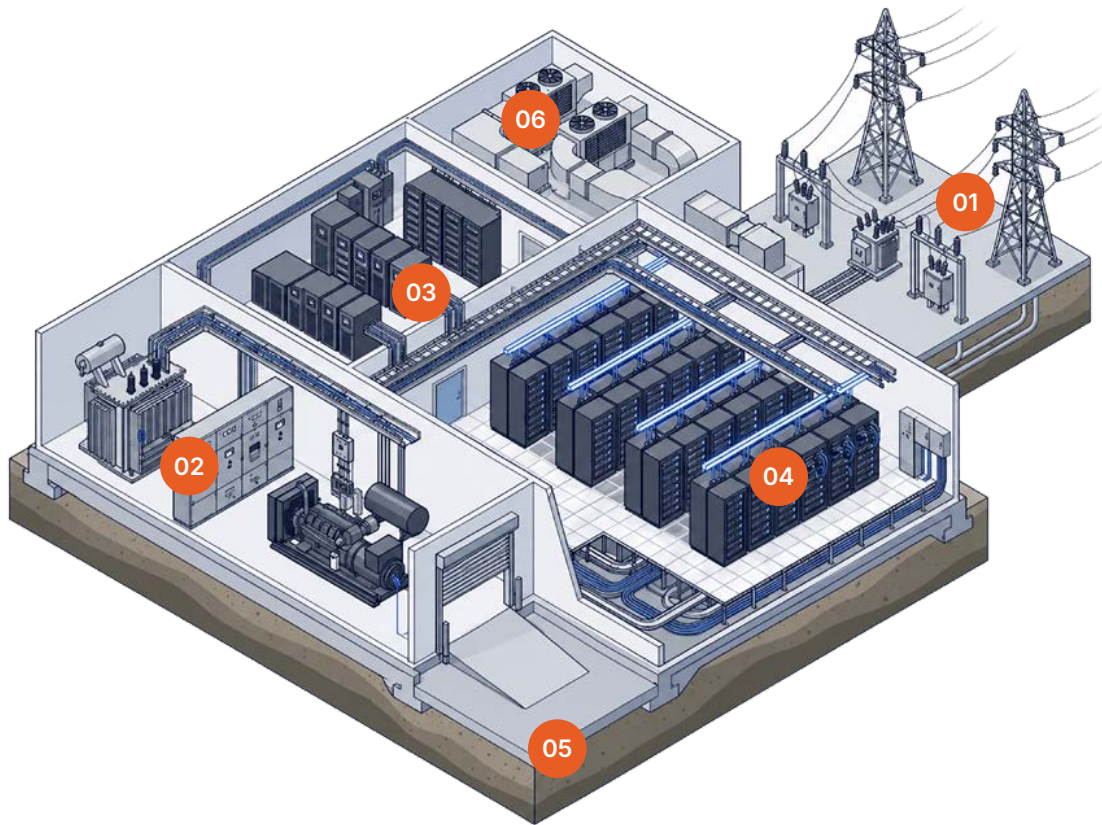
Technical documentation and coordinated deployment.

Where Energy Meets ExcellenceTM

■ A CONNECTED FACILITY

Every cable. Application defined.

Explore the cable families serving power distribution, telecom loads and supporting systems across a data centre.



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| <p>01 Utility & primary distribution
MV TR-XLPE to the site transformer.</p> | <p>02 Armoured facility feeders
ACWU90 / TECK90 for specified feeder routes.</p> |
| <p>03 Building distribution
RW90 in specified raceways; RWU90 for underground routes.</p> | <p>04 Telecom power
L2 / L3 / L4 for telecom DC feeders and equipment connections.</p> |
| <p>05 Grounding & bonding
Bare copper for the facility grounding and bonding network.</p> | <p>06 Supporting controls
TC / CIC-TC where specified for auxiliary control circuits.</p> |

Illustrative application zones, not an electrical design. Product suitability depends on the selected construction, installation method and project requirements.

■ UTILITY ENTRY TO ELECTRICAL ROOMS

Built for the power path.

Choose the conductor, voltage class and construction for each segment of the installation.

01 MV TR-XLPE



CSA C68.5

[Product details +](#)

5-46 kV

Copper or aluminum

Primary distribution to site transformers.

TR-XLPE insulation with metallic shielding / concentric neutral. LLDPE or PVC jacket, as listed.

02 ACWU90



CSA C22.2 No. 51

[Product details +](#)

600 / 1000 / 2000 V

Copper or aluminum

Jacketed armoured facility feeders.

XLPE insulation, interlocked armour and PVC outer jacket. Single- and multi-conductor constructions; 90°C wet/dry.

02 TECK90



CSA C22.2 No. 131

[Product details +](#)

600 / 1000 V

Copper or aluminum

Armoured power distribution on specified routes.

XLPE insulation, PVC inner jacket, interlocked armour and PVC outer jacket. Single- and multi-conductor; 90°C wet/dry.

Family capabilities are not a promise of every size/voltage combination. MV insulation level, neutral size and jacket must match the specification. Armoured-cable flame and environmental ratings are construction-specific.

■ COMPLETE THE FACILITY SPECIFICATION

The details that connect it.

Building wire, grounding conductors and control cable support the wider electrical installation.

03 RW90

600 / 1000 / 2000 V



Raceway distribution

XLPE-insulated copper or aluminum conductors for specified feeders, panels and branch circuits.

90°C wet/dry • CSA C22.2 No. 38

03 RWU90

1000 V



Underground distribution

XLPE-insulated copper or aluminum conductors for underground routes, subject to the selected cable and installation requirements.

90°C wet/dry • CSA C22.2 No. 38

05 Bare copper

Grounding & bonding



Facility grounding network

Solid or stranded bare copper for ground grids, bonding conductors and ground bus connections.

ASTM B3 / ASTM B8, as applicable

06 TC / CIC-TC

600 V • Copper



Auxiliary control circuits

Tray and control cable for supporting equipment and control panels where the project specification calls for these cable types.

CSA C22.2 No. 239 / UL 1277¹

RWU90 voltage shown follows CSA certificate 80247783. Raceway, tray and underground use must be confirmed for the selected cable and applicable installation rules. ¹Catalog-referenced standards; request construction-specific certification details. Cable images are representative.

■ A DEDICATED CABLE FAMILY

Power behind the connection.

L2, L3 and L4 power cable for telecom facilities, central offices and data centre telecom applications.

600 V AC/DC

Tinned copper

Limited-smoke,
non-halogenated insulation

L2



14 AWG-750 kcmil

Limited-smoke, non-halogenated insulation.

L3



14 AWG-750 kcmil

Limited-smoke, non-halogenated insulation with
braided construction.

L4



8 AWG-750 kcmil

Limited-smoke, non-halogenated insulation with
heavy-duty braided construction.

■ TYPICAL TELECOM DC APPLICATION

Telecom power equipment



DC distribution



Telecom equipment loads

Select L2, L3 or L4 to match the equipment and installation specification. The 600 V value is the cable rating; operating voltage is set by the system design.

Catalog references: UL 44 / UL 2731 / CSA AWM. Confirm the applicable listing, marking and permitted use for the selected construction. Representative product images; colours and configurations vary.

■ PROJECT DEPLOYMENT

One reel. A clear destination.

Connect cable selection, technical documentation and delivery planning.



■ 01

Define the requirement

Share cable schedules, ratings, site zones and installation sequence.

■ 02

Match the documentation

Review certifications and traceability. Explore CableIQ™ for available digital specifications.

■ 03

Map the delivery

Align reel destinations, project labels, grouped shipments and planned releases.

■ ESG & RESPONSIBLE SUPPLY

Environmental management

ISO 14001 frameworks guide environmental practices across our manufacturing network.

Responsible sourcing

We embed responsible raw material sourcing, ethical labour practices and rigorous production controls into our cable manufacturing.

Project reporting

Environmental documentation aligned with your project procurement requirements.

Move your project forward.

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1-800-585-3029

Available exclusively through authorized distributors.

