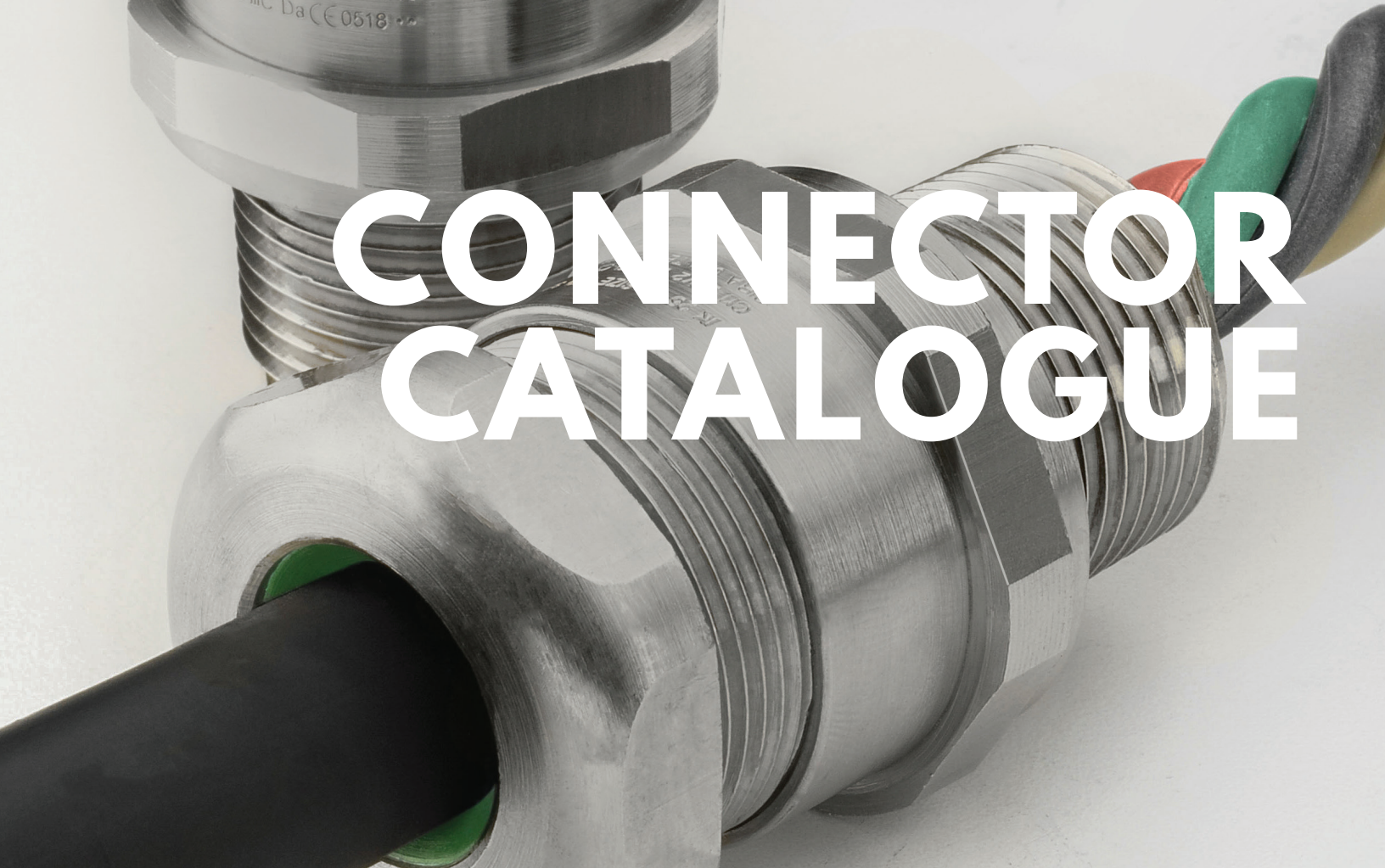


# TEXCAN

A Sonepar Company



# CONNECTOR CATALOGUE



# Wire & Cable Specialists

## Our Commitment

Our commitment to our customers is simple - **we deliver even when others can't.**

As one of Canada's largest wire, cable and data communication distributors for over 40 years, Texcan supplies solutions for automotive, power distribution, control, industrial automation, commercial, residential, premise wiring and networking applications. Our commitment to superior customer service is the number one reason customers keep coming back.

Our parent company, Sonepar, is a major global electrical distributor, with divisions in 44 countries, 5 continents, over 46,000 associates and 2,800 branches.

## Dedicated to Our Customers

Texcan understands that business is done between people. We consider a job finished when the customer is completely satisfied. This approach highlights our commitment to quality and our high level of customer service. This winning combination focuses on a personalized approach to our customers.

## Product Expertise and Specialized Services

Texcan has five stocking locations in Western Canada. With over 200 employees, Texcan is able to provide product application expertise,

specialized technical assistance and superior sales service to meet our customers' needs.

We constantly strive to bring value to our customers. We provide:

- An extensive range of stock wire products
- Computerized order processing
- Regionalized bar coded warehousing
- Competitive pricing
- Inventory tracking technology
- JIT inventory

## Strategic Partnerships

Texcan has worked hard to develop partnerships with customers and vendors and continues to be committed to developing such strategic alliances. These partnerships provide Texcan with a successful and proven record with some of the largest customers in the pulp and paper, mining, petrochemical, transportation, and communication industries.

Thanks to our relationships with key vendors such as: Prysmian Group, Southwire, Belden, Nexans, Northern Cables, Deca Cables, Marmon Electrical, CMP, and PTI Cables Inc., Texcan is able to offer its customers a diverse selection of quality products. We are confident we can continue to be your successful partner now and in the future.

## Over 40 Years of Service

**Prysmian**  
Group

PRYSMIAN  
Draka  
General Cable

Southwire®

**BELDEN**  
SENDING ALL THE RIGHT SIGNALS

**Nexans**  
AmerCable

**northern**  
**cables**  
INCORPORATED

**DECA**  
CABLES

MARMON  
Marmon Electrical  
A Berkshire Hathaway Company

CMP

CÂBLES  
**PTI**  
CABLES INC.

## Introduction

The connection point between a box or enclosure and a run of wire or cable can be one of the weak links in an electrical system. Texcan stocks a full line of cable connectors to provide safe electrical service in areas exposed to weather, water, oil, dirt and other contaminants. The connectors are suitable for use in various industries including oil and gas, pulp and paper, mining, commercial and utilities and many more. They are approved for use in ordinary or wet and hazardous locations.



## Applications

### Cable Connectors

Designed for both offshore and onshore requirements, Texcan's connector options cover armoured and jacketed and non-armoured cables. They are available in copper-free aluminum, stainless steel or nickel plated brass and metric thread forms.

### RapidEx High Speed Sealing Gel

RapidEx is a high speed sealing compound that is easily applied and sets in minutes. It is suitable for hazardous locations and does not require kneading or packing prior to use. The gel formula creates a reliable seal, with no gaps or voids around conductors. It will never shrink or crack with changes in temperature.

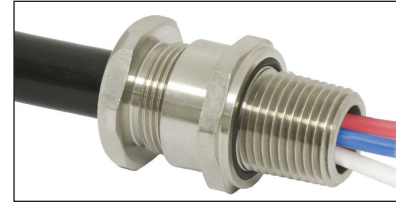
## Specifications

- CSA 09.2194053X
- CSA 09.2220601X
- Class I, Division 2, Groups A, B, C, D
- Class I, Zones 1 and 2, AExe II, AEx tA IIC
- Class I, Zones 1 and 2, Exe II, Ex tA IIC
- Class I, Zone 1, AEx d IIC, AEx e II, AEx tA IIC
- Class I, Zone 1, EX e II, Ex tA IIC
- Class II, Division 1 and 2, Groups E, F, G
- Class III, Divisions 1 and 2
- NEMA 4X
- IP66/67/68

\*Refer to Canadian Electrical Code for details

**To Place an Order** - You will find everything that you need to place an order for many of the products in the catalogue. Should you need any assistance or require special orders please contact your Sales Representative. A complete list of our sales offices can be found on the back cover of this catalogue.

## TC Hazardous Area Cable Connector



### CLASSIFICATIONS

- CSA 09.2220601X
- Class I, Division 2, Groups A, B, C, D
- Class II, Division 2, Groups E, F, G
- Class III, Division 2
- NEMA Type 4X
- IP66/67/68

\*Refer to Canadian Electrical Code for details



### FEATURES & APPLICATIONS

The unique use of the seal insert enables each connector size to terminate the widest range available in a single hub size.

**Continuous operating temperature:** -60°C/-76°F to 110°C/230°F

**Jacket sealing feature:** If the inner seal has an outer jacket to compress onto, the TC Connector is the answer

**Cable Type:** A variety of unarmoured cables including Tray Cable, Electronic Cable, and Portable Cord

**Standard:** Aluminum connectors

**Options:** Also available in nickel plated brass and stainless steel connectors

**Locknuts:** Aluminum connectors up to 1" hub size - steel locknut included

Aluminum connectors above 1" hub size - sold separately

Nickel plated connectors - all sizes sold separately

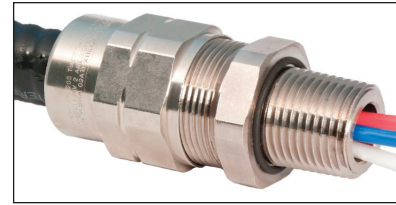
Stainless steel brass connectors - all sizes sold separately

Part Number	Hub Size (in.)	Cable Diameter with Insert (in.)		Cable Diameter without Insert (in.)	
		Min	Max	Min	Max
18-TC-050A028	0.50	0.13	0.28	-	-
18-TC-050A055	0.50	0.26	0.41	0.41	0.55
18-TC-075A028	0.75	0.13	0.28	-	-
18-TC-075A055	0.75	0.26	0.41	0.41	0.55
18-TC-075A079	0.75	0.47	0.61	0.61	0.79
18-TC-100A079	1.00	0.47	0.61	0.61	0.79
18-TC-100A104	1.00	0.67	0.85	0.85	1.04
18-TC-125A104	1.25	0.67	0.85	0.85	1.04
18-TC-125A127	1.25	0.92	1.10	1.10	1.27
18-TC-150A127	1.50	0.92	1.10	1.10	1.27
18-TC-150A150	1.50	1.22	1.37	1.37	1.50
18-TC-200A150	2.00	1.22	1.37	1.37	1.50
18-TC-200A174	2.00	-	-	1.40	1.74
18-TC-200A197	2.00	-	-	1.63	1.97
18-TC-250A174	2.50	-	-	1.40	1.74
18-TC-250A197	2.50	-	-	1.63	1.97
18-TC-250A220	2.50	-	-	1.86	2.20
18-TC-250A244	2.50	-	-	2.13	2.44
18-TC-300A220	3.00	-	-	1.86	2.20
18-TC-300A244	3.00	-	-	2.13	2.44
18-TC-300A268	3.00	-	-	2.40	2.68
18-TC-350A268	3.50	-	-	2.40	2.68
18-TC-350A315	3.50	-	-	2.62	3.15
18-TC-400A315	4.00	-	-	2.62	3.15
18-TC-400A354	4.00	-	-	2.99	3.54

# TMC2 Cable Connector

## For Armoured Cables

## TMC2 Hazardous Area Cable Connector



### CLASSIFICATIONS

- CSA 09.2194053X
- Class I, Division 2, Groups A, B, C, D
- Class II, Divisions 1 and 2, Groups E, F, G
- Class III, Divisions 1 and 2
- NEMA 4X
- IP66

\*Refer to Canadian Electrical Code for details



### FEATURES & APPLICATIONS

TMC2 connectors provide a means for terminating jacketed type armoured cables, forming a mechanical watertight connection and providing armoured ground continuity for cable armour.

**Continuous operating temperature:** -60°C/-76°F to 110°C/230°F

**Cable Type:** Aluminum or Steel Interlocked Armour, Continuously Welded Armour Cables

**Standard:** Aluminum connectors

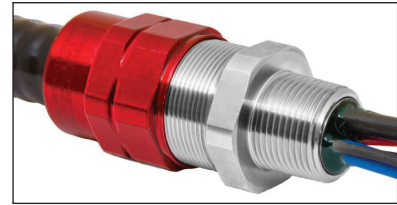
**Options:** Also available in nickel plated brass and stainless steel connectors

**Locknuts:** Aluminum connectors up to 1" hub size - steel locknut included  
Aluminum connectors above 1" hub size - sold separately  
Nickel plated connectors - all sizes sold separately  
Stainless steel brass connectors - all sizes sold separately

Part Number	Hub Size (in.)	Max Core Diameter (in.)	Cable Armour Diameter (in.)		Cable Jacket Diameter Overall OD (in.)	
			Min	Max	Min	Max
18-TMC2-050A075	0.50	0.49	0.42	0.63	0.50	0.75
18-TMC2-050A099	0.50	0.60	0.60	0.89	0.69	0.99
18-TMC2-075A075	0.75	0.49	0.42	0.63	0.50	0.75
18-TMC2-075A099	0.75	0.61	0.60	0.89	0.69	0.99
18-TMC2-075A118	0.75	0.80	0.79	1.10	0.87	1.18
18-TMC2-100A118	1.00	0.80	0.79	1.10	0.87	1.18
18-TMC2-100A137	1.00	1.04	0.94	1.28	1.02	1.37
18-TMC2-125A137	1.25	1.04	0.94	1.28	1.02	1.37
18-TMC2-125A162	1.25	1.26	1.22	1.50	1.30	1.62
18-TMC2-125A190	1.25	1.36	1.49	1.72	1.57	1.90
18-TMC2-150A162	1.50	1.26	1.22	1.50	1.30	1.62
18-TMC2-150A190	1.50	1.36	1.49	1.72	1.57	1.90
18-TMC2-150A200	1.50	1.58	1.57	1.88	1.65	2.00
18-TMC2-150A233	1.50	1.58	1.79	2.21	1.91	2.33
18-TMC2-200A200	2.00	1.58	1.57	1.88	1.65	2.00
18-TMC2-200A233	2.00	1.97	1.79	2.21	1.91	2.33
18-TMC2-200A272	2.00	2.06	2.14	2.61	2.27	2.72
18-TMC2-250A272	2.50	2.28	2.14	2.61	2.27	2.72
18-TMC2-300A325	3.00	2.67	2.49	2.97	2.62	3.25
18-TMC2-350A325	3.50	2.59	2.49	2.97	2.62	3.25
18-TMC2-350A376	3.50	3.22	2.95	3.54	3.16	3.76
18-TMC2-400A376	4.00	3.22	2.95	3.54	3.16	3.76
18-TMC2-400A425	4.00	3.59	3.52	3.94	3.70	4.25

Note: On single conductor cables above 600 volts, please contact a Texcan Representative.

### TMC2X Hazardous Area Cable Connector



#### CLASSIFICATIONS

- CSA 09.2194053X
- Class I, Divisions 1 and 2, Groups A, B, C, D
- Class I, Zone 1, AEx d IIC, AEx e II, AEx tA IIC
- Class I, Zone 1, EX e II, Ex tA IIC
- Class II, Division 1 and 2, Groups E, F, G
- Class III, Divisions 1 and 2
- NEMA 4X
- IP66

\*Refer to Canadian Electrical Code for details



#### FEATURES & APPLICATIONS

A means for terminating jacketed armoured cables, forming a mechanical watertight connection and providing ground continuity for cable armour.

**Continuous operating temperature:** -60°C/-76°F to 85°C/185°F

**Jacket sealing technique:** Utilizes RapidEx High Speed Sealing Gel\*

**Cable Type:** MC/MC-HL, Corrugated Aluminum or Steel Interlocked Armour, Continuously Welded Armour Cables

**Standard:** Aluminum connectors

**Options:** Also available in nickel plated brass and stainless steel connectors

**Locknuts:** Aluminum connectors up to 1" hub size - steel locknut included

Aluminum connectors above 1" hub size - sold separately

Nickel plated connectors - all sizes sold separately

Stainless steel brass connectors - all sizes sold separately

#### RapidEX Sealer Included with Connector

Part Number	Hub Size (in.)	Max Core Diameter (in.)	Cable Armour Diameter + (in.)		Cable Jacket Diameter Overall OD (in.)	
			Min	Max	Min	Max
18-TMC2X-050AX075	0.50	0.51	0.42	0.63	0.50	0.75
18-TMC2X-050AX099	0.50	0.51	0.60	0.89	0.69	0.99
18-TMC2X-075AX075	0.75	0.51	0.42	0.63	0.50	0.75
18-TMC2X-075AX099	0.75	0.70	0.60	0.89	0.69	0.99
18-TMC2X-075AX118	0.75	0.70	0.79	1.10	0.87	1.18
18-TMC2X-100AX118	1.00	0.94	0.79	1.10	0.87	1.18
18-TMC2X-100AX137	1.00	0.94	0.94	1.28	1.02	1.37
18-TMC2X-125AX137	1.25	1.19	0.94	1.28	1.02	1.37
18-TMC2X-125AX162	1.25	1.19	1.22	1.50	1.30	1.62
18-TMC2X-125AX190	1.25	1.19	1.49	1.72	1.57	1.90
18-TMC2X-150AX162	1.50	1.45	1.22	1.50	1.30	1.62
18-TMC2X-150AX190	1.50	1.45	1.49	1.72	1.57	1.90
18-TMC2X-150AX200	1.50	1.45	1.57	1.88	1.65	2.00
18-TMC2X-150AX233	1.50	1.45	1.79	2.21	1.91	2.33
18-TMC2X-200AX200	2.00	1.63	1.57	1.88	1.65	2.00
18-TMC2X-200AX233	2.00	1.90	1.79	2.21	1.91	2.33
18-TMC2X-200AX272	2.00	1.90	2.14	2.61	2.27	2.72
18-TMC2X-250AX233	2.50	2.13	1.79	2.21	1.91	2.33
18-TMC2X-250AX272	2.50	2.37	2.14	2.61	2.27	2.72
18-TMC2X-300AX272	3.00	2.54	2.14	2.61	2.27	2.72
18-TMC2X-300AX325	3.00	2.98	2.49	2.97	2.62	3.25
18-TMC2X-350AX325	3.50	2.98	2.49	2.97	2.62	3.25
18-TMC2X-350AX376	3.50	3.38	2.95	3.54	3.16	3.76
18-TMC2X-400AX376	4.00	3.38	2.95	3.54	3.16	3.76
18-TMC2X-400AX425	4.00	3.38	3.52	3.94	3.70	4.25

Note: On single conductor cables above 600 volts, please contact a Texcan Representative.

## RapidEx High Speed Sealing Gel Compatible with TMC2X Connectors

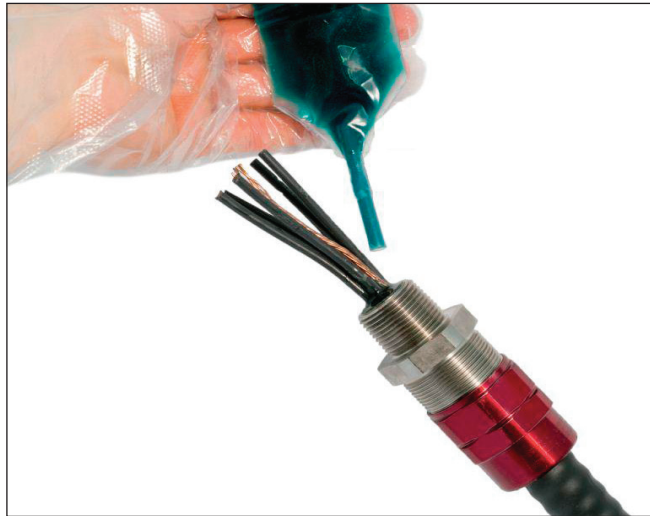


### INSTALL IN SECONDS!

Electrical power, control, and instrument cables are manufactured to a host of different construction standards. When working in hazardous areas, correctly sealing these cables as they enter electrical equipment is critical. Compound barrier gland fittings for jacketed armoured cable requires detailed preparation and careful installation.

Traditional barrier cable glands with epoxy resins require extensive installation and curing time. If installed before the epoxy has hardened properly, the seal may shrink or crack, creating a disaster.

The TMC2X cable gland uses RapidEx liquid resin sealing compound which **installs in seconds and seals in minutes**, ensuring long-term safety and reliability. The gel liquid flows into the cable interstices, completely surrounding the cable conductors, driving out the air. The gel then cures, creating an explosion proof and gas tight seal. The RapidEx resin adheres to both the cable conductors and the inside of the barrier tube, creating a bond that is set for the life of the cable gland product.



Installers simply prepare the cable, insert it into the two-piece cable gland and tighten. Nothing to disassemble, drop, or lose so it is easy to perform a consistent installation every time.

### APPLICATIONS

- Simple 4 step process: prepare cable, clamp armour, mix liquid resin, pour resin
- Provide a means for terminating jacketed armoured cable, forming a mechanical watertight connection and providing ground continuity for cable armour
- Works with multiple cables including:
  - Aluminum or steel interlocked armour
  - Continuously welded armour cables
- For use on horizontal and vertical runs

### FEATURES

Provide a means of effective, efficient, and reliable cable sealing, in hazardous applications

**Operating temperature:** -76 °F/-60 °C to +185 °F/+85 °C

**Application efficiencies:** Simple cable preparation, easy liquid pouring application, cleaner and faster mixing process, faster curing time, enhanced accuracy

**Compatible Wiring Codes:** IEC, CEC, and NEC

**Faster curing time:** Cures in minutes

**Easier Connection Capabilities:** No need for repeated cable connector disassembly before connection to equipment.

# Largest Stocked Inventory in Western Canada

## Building Wire

- AC90 Armoured Cables
- Fire Alarm Cables
- ACWU Armoured Cables
- NMD90 / NMWU90 Cables
- Solid / Stranded Bare Copper
- RA90 / Armoured Cables CU / AL
- SIMpull Solutions®
- RW90 / RWU 90 CU / AL
- T90 CU / TW75 / TWH / TWU
- LVT

## Connectors

- Armoured Cable Connectors
- Explosion-proof Connectors
- Strain Reliefs Metal & Nylon
- High Voltage Termination Kit
- Tray Cable Connectors

## Control Cables

- Multiconductor
  - Armoured / Unarmoured
- Portable Control Cables
- Shielded Control Cables
- Custom Bundling / Armouring

## Communication

- Computer Cables
- Inside / Outside Plant Wires
- Telephone Cables
- Plenum Cables
- Direct Burial

## Data Cables

- Category 5E, 6, 6A, 7 Rated Cables
- Co-Axial / Twin-Axial Cables
- Ethernet Cables
- Network Cables
- Patch Cords (Copper / Fiber Optic)
- Armoured Data Cables

## Electronic Cables

- Armoured Cables
- Audio / Visual Cables
- Broadcast Cables
- Low Capacitance Wires
- Plenum Wires
- Precision Video Wires
- Industrial Automation Cables
- Belden® Classics & NewGen

## Fiber Optic Cables

- SM / MM
- Loose Tube, Tight Buffer
- Indoor / Outdoor / Riser / ADSS

- Armoured / Non-Armoured
- Hybrid Fiber
- Specialty XPRLTM / RLTM

## Instrumentation Cables

- Armoured / Unarmoured
  - Interlocked Steel / Aluminum
- Multiconductor / Pairs / Triads
- Shielded / Unshielded

## Marine Cables

- Boat Cables
- Shipboard Cables
- Offshore Rig / Marine Cables

## Mining Cables

- Blasting Wires
- Mine Power Feeder Cables
- Portable Power Cables
  - Type W, G, GGC, SHDGC (2KV - 35 KV)
- Trailing Cables
- Cable Assemblies
- Vertical Riser Cables

## Portable Cords

- High Temperature Cables
- Ultraflex™ Low Temperature Cords
- Ultraflex™ Extension Cords
- Retractable Cords
- Type: SJOOW, SOOW, SJTOW, STOW
- Welding Cables
- Stage Lighting
- Landscape Lighting
- Multiconductor

## Power Cables

- ACSR / AAC Linewire
- High Voltage Power Cables
- Overhead Service (NS75 / NS90)
  - Duplex, Triplex, Quadruplex
- Underground Service
  - USEI, USEB
- TECK 90 HL Cables (600V - 35KV)
- Tray Cables
  - Power and Control
- Underground Distribution
- Airguard™

## Specialty Wire / Products

- Coil Lead Wires
- European Cables (CE & VDE approved)
- 2HR Fire Rated
- VITALink® Fire Resistive
- Teflon® Insulated Wires
- SIS Switchboard Wires

- TEW Equipment Wires
- TR64
- Low Smoke Zero Halogen Cables
- Milspec Hookup Wires
- Tracer Wires
- Utility Hydro Cables
- Split Loom
- Automotive Cables
- Variable Frequency Drive (VFD) Cables
- Thermocouple Wires
- Heat Trace Cables
- Grounding Cables

## Specialty Cords / Cables

- Extra Flexible Portable Cables
- Parallel Conductor Cords
- Small Diameter Flexible Control (SDN)
- Traffic Signal Cables CLMTO / IMSA
- Trailer Cables
- Airport Lighting Cables
- Battery Cables
- Diesel Locomotive Cables
- Reeling Cables
- Pendant Cables / Festoon

## Custom-Built Cables

- Made to Customer Specifications

## Accessories

- Hardware, Lugs, Cable Ties
- 3M Accessories

## SIMPull Solutions®

- Maxis® 6K Tugger
- Maxis® 3K Tugger
- Maxis® Grips™
- QWIKrope®
- Swivel
- SIMpull™ REEL
- SIMpull HEAD®
- SIMpull® Flange
- SIMpull™ Cradle
- GRIPit™
- A Frame

## VALUE ADDED SERVICES

- Cable Management Program
- Specialized Technical Assistance
- 24/7 Emergency Shipping Service
- International Export Services
- Custom Cables / Printing / Cutting
- Paralleling / Lagging / Tagging
- Bundling / Armouring
- Bar Coding and Inventory Tracking
- State-of-the-Art Distribution Centre



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Surrey, BC V3V 4G4  
Tel: 604.528.3600  
Fax: 604.528.3790

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Call 1.800.252.7545  
11330 189 Street NW  
Edmonton, AB T5S 2V6  
Tel: 780.944.9331  
Fax: 780.486.3182

### CALGARY

Call 1.855.717.3900  
#105-10710 25th Street NE  
Calgary, AB T3N 0A1  
Tel: 403.717.3900  
Fax: 403.717.3910

### SASKATOON

Call 1.855.385.3800  
3403 Faithfull Avenue  
Saskatoon, SK S7K 8H6  
Tel: 306.385.3800  
Fax: 306.385.3810

### WINNIPEG

Call 1.800.665.2491  
25 Meridian Drive  
Winnipeg, MB R2R 1J4  
Tel: 204.982.9290  
Fax: 204.661.8459