

## USEI-90 UNDERGROUND SERVICE CABLE

### USEI-90 CABLE

- For 600V or less and color coded individual phase conductors
- Available in reduced or full neutral conductor
- Cross-linked polyethylene (XLPE) insulation
- Three or four class B compact aluminum stranded conductors
- PVC outer jacket, weather resistant and cut-through resistant, (-40°C to +90°C, FT1 rated)
- Suitable for direct burial or installed in ducts, in wet or dry locations
- Applications: residential, commercial and industrial farm distribution system, and irrigation system



Part Number	Phase Conductors				Neutral Conductor				Nominal Overall Diameter (mm)	Nominal Weight (kg/km)
	AWG Size	No. Wires	Insulation Thickness (mm)	Jacket Thickness (mm)	AWG Size	No. Wires	Insulation Thickness (mm)	Jacket Thickness (mm)		
<b>Three Conductor - Full Neutral</b>										
09051-05-000*	2	7	1.140	0.760	2	7	1.140	0.760	23	460
09051-07-000*	1/0	18	1.400	1.140	1/0	18	1.400	1.140	30	760
09051-09-000*	3/0	18	1.400	1.140	3/0	18	1.400	1.140	35	1100
09051-10-000*	4/0	18	1.400	1.140	4/0	18	1.400	1.140	38	1300
09051-15-000	250	36	1.650	1.650	250	36	1.650	1.650	44	1650
09051-17-000	350	36	1.650	1.650	350	36	1.650	1.650	49	2200
09051-18-000	500	37	1.650	1.650	500	37	1.650	1.650	56	2900
<b>Three Conductor - Reduced Neutral</b>										
09051-05-001	2	7	1.140	0.760	4	7	1.144	0.760	23	420
09051-07-001	1/0	18	1.400	1.140	2	7	1.140	0.760	29	660
09051-10-001	4/0	18	1.400	1.140	2/0	18	1.400	1.140	36	1150
<b>Four Conductor - Full Neutral</b>										
09052-10-000*	4/0	18	1.400	1.140	4/0	18	1.400	1.140	42	1700
09052-17-000*	350	36	1.650	1.650	350	36	1.650	1.650	55	2900
<b>Four Conductor - Reduced Neutral</b>										
09052-05-001	2	7	1.140	0.760	4	7	1.140	0.760	25	570
09052-07-001	1/0	18	1.400	1.140	2	7	1.140	0.760	32	910
09052-10-001	4/0	18	1.400	1.140	2/0	18	1.400	1.140	41	1600
09052-15-001	250	36	1.650	1.650	3/0	18	1.400	1.140	47	2000
09052-17-001	350	36	1.650	1.650	250	36	1.650	1.650	54	2700
09052-18-001	500	37	1.650	1.650	350	36	1.650	1.650	61	3600

\* Non-stock item; available upon request.

Contact a wire and cable specialist today to learn more!

1.800.665.1025 or [texcan.sales@texcan.ca](mailto:texcan.sales@texcan.ca)

We carry one of the largest inventories of industrial, commercial and residential wires and cables in Canada.

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WIRE & CABLE SPECIALISTS SINCE 1978

## 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
- Grounding Cables

## Control Cables

- Multi-conductor
  - 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

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

## 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 to 35 KV)
- Trailing Cables
- Cable Assemblies
- Vertical Riser Cables
- Reeling Cables
- DLO (Diesel Locomotive 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
- TECK 90 HL Cables (600V-35KV)
- Overhead Service (NS75 / NS90)
  - Duplex, Triplex, Quadruplex
- Underground Service
  - USEI, USEB
- Variable Frequency Drive (VFD) Cables

- Tray Cables
  - Power and Control
- Underground Distribution
- Airport Lighting Cables
- Utility Hydro Cables
- Airguard™

## Specialty Products & Cords

- 2HR Fire Rated VITALink® Fire Resistant
- Traffic Signal Cables CLMTO/IMSA
- Coil Lead Wires
- European Cables (CE & VDE approved)
- Teflon® Insulated Wires
- SIS Switchboard Wires
- TEW Equipment Wires
- Small Diameter Flexible Control (SDN)
- Low Smoke Zero Halogen Cables
- TR64
- Extra Flexible Portable Cables
- Parallel Conductor Cords
- Trailer Cables
- Battery Cables
- Pendant Cables/Festoon
- Mil Spec Hookup Wires
- Tracer Wires
- Automotive Cables

## Additional Services & Accessories

### Tools & Equipment

- Material Handling & Storage
- Cable Pulling & Fishing

### Power Management

- Extension Cords
- Temporary Power Distribution

### Lighting

- Area Lights
- String Lights
- Temporary Overhead Lighting

### Connectors

- Armoured Cable Connectors
- Explosion-proof Connectors
- Strain Reliefs Metal & Nylon
- Tray Cable Connectors

### Accessories

- Heat Trace cables & accessories
- Hardware, Lugs, Cable Ties
- 3M Accessories
  - Cold Shrink Splices and Terminations
  - Heat Shrink Splices and Terminations
- 3M Accessories
- High Voltage Termination Kit
- Split Loom

### Value Added Services

- Custom-Built Cables
- 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

Visit our website at [Texcan.com](http://Texcan.com) and social media [@TexcanCanada](https://www.instagram.com/TexcanCanada)

### VANCOUVER

1-800-665-1025  
10449 120th St. Surrey, BC

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10449 120th St. Surrey, BC

### EDMONTON

1-800-252-7545  
11330 189 St. NW. Edmonton, AB

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1-855-717-3900  
#105-10710 25th St. NE. Calgary, AB

### SASKATOON

1-855-385-3800  
3403 Faithfull Ave. Saskatoon, SK

### WINNIPEG

1-800-665-2491  
25 Meridian Dr. Winnipeg, MB