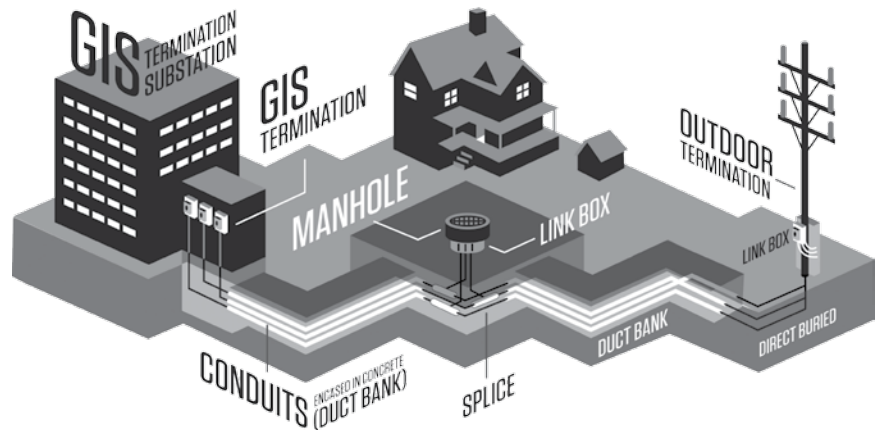




Southwire Underground Transmission Cable Systems

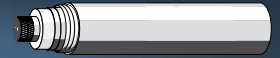
Underground. Overachieving.

Southwire provides high-voltage underground transmission solutions from end to end. We offer a full spectrum of Underground Transmission cable products, installation services, tools and equipment to meet your specific needs. And we're with you every step of the way with responsive service, unmatched engineering support and onsite project management—a commitment that has resulted in zero cable failures with over seven million feet of HV cable installed.



Why Southwire for Underground Transmission Cable Systems?

- Complete line of cables from 69 kV through 400 kV
- A North American exclusive supplier of Kabeldon and nkt cables' line of high-voltage accessories for 69 kV to 400 kV
- Fast service response during times of crisis
- Customer support services include a wide range of engineering, installation, project management and testing
- Over seven million feet of underground transmission cable installed for customers across North America
- Zero cable failures of installed underground transmission cable to date



Southwire Underground Transmission Cable Systems



Copper or Aluminum Segmental Conductor with a Welded Corrugated Sheath



Copper or Aluminum Conductor with a Welded Corrugated Aluminum Sheath



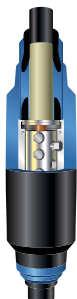
Copper Conductor with Copper Shield Wires and a Copper Laminate Sheath
Aluminum Laminate sheath also available.



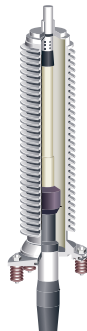
Aluminum Conductor with Aluminum Shield Wires and an Aluminum Laminate Sheath

Cables

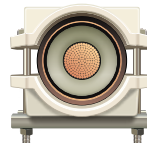
69 kV – 400 kV



High-Voltage Splice



High-Voltage Terminations for All Applications



Aluminum Cable Clamps



Link Boxes for an Array of Sheath-grounding Arrangements

Accessories

Engineering:

- Support feasibility studies and conceptual engineering
- Detailed underground system design
- Pulling calculations
- Ampacity studies

Installation:

- Team of highly skilled and factory-certified installation technicians
- Cable pulling
- Splicing and terminating
- Sheath bonding and grounding

Project Management:

- Construction management
- Full turnkey projects, including civil works
- Maintenance
- Emergency and repair services

Testing:

- Commission and Maintenance testing services
- AC resonant and PD testing
- Fault locating

Services

To learn more about Southwire Underground Transmission Cable Systems, and hear about our upcoming projects, contact HVSolutions@Southwire.com or 770-832-4983.