



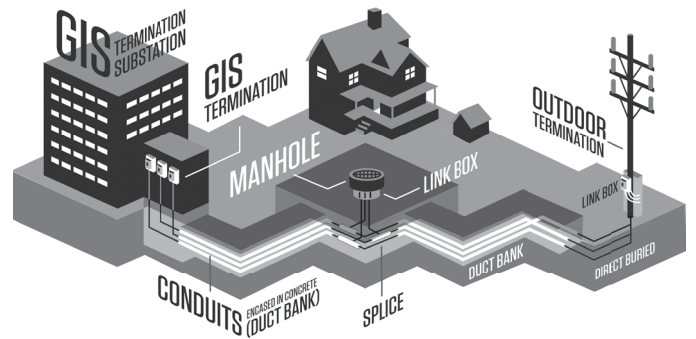
**Southwire®**

# 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. Our unmatched engineering support and onsite project management services are available every step of the way – a commitment that has resulted in zero cable failures with over 15 million feet of HV cable installed.



## **WHY SOUTHWIRE FOR UNDERGROUND TRANSMISSION CABLE SYSTEMS?**

- Complete line of cables from 69 kV through 500 kV
- A North American exclusive supplier of NKT Kabeldon and NKT Cologne line of high-voltage accessories for 69 kV to 500 kV
- Fast service response during times of crisis
- Customer support services include a wide range of engineering, installation, project management and testing
- Over ~15 million feet of underground transmission cable installed for customers across North America
- Zero cable failures of installed underground transmission cable to date



# Southwire®



## SOLUTIONS PORTFOLIO

### SOUTHWIRE UNDERGROUND TRANSMISSION CABLE SYSTEMS



**Copper or Aluminum Segmental conductor** with a Welded Corrugated Sheath



**Copper or Aluminum conductor** with Copper Shield Wires and a Copper Laminate Sheath  
Aluminum Laminate sheath also available.

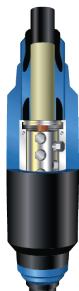


**Copper or Aluminum conductor** with Aluminum Shield Wires and an Aluminum Laminate Sheath

**CABLES 69 KV – 500 KV**

## SOLUTIONS PORTFOLIO

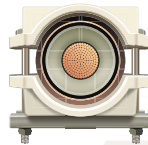
### SOUTHWIRE UNDERGROUND TRANSMISSION CABLE SYSTEMS



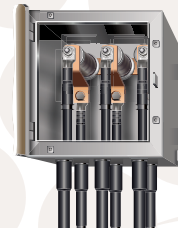
**High-Voltage Splice**



**High-Voltage Terminations**  
For all applications



**Cable Clamps**  
We offer both aluminum and polyamide cable clamps, for submersible applications (inside vault).



**Cable Clamps**  
We offer both aluminum and polyamide cable clamps, for submersible applications.

**ACCESSORIES**

## SERVICES

### 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

To learn more about Southwire Underground Transmission Cable Systems, and hear about our upcoming projects, contact [HVSolutions@Southwire.com](mailto:HVSolutions@Southwire.com) or visit [Southwire.com](http://Southwire.com).