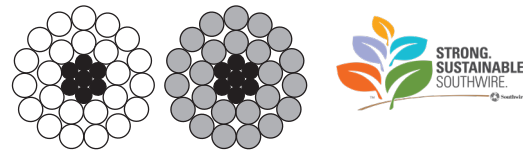


## SOUTHWIRE® SYSTEM HARDENING PRODUCTS



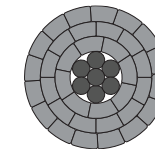
**C7®  
Overhead Conductor**

- Southwire's High Temperature, Low Sag (HTLS) conductor with a carbon fiber composite multi-strand core
- ACCS or ZTACCR constructions
- TS- Thermoset 180°C | 200°C
- Features:
  - Flexibility
  - Thermal stability
  - Excellent corrosion resistance
  - Low coefficient of thermal expansion



**ACSS/HS285®  
Overhead Conductor**

- Southwire's patented ultra-high strength mischmetal-coated-steel core
- Features:
  - HTLS
  - High modulus
  - Excellent corrosion resistance
  - 250°C continuous operating temperature



**MaxStorm®  
Overhead Conductor**

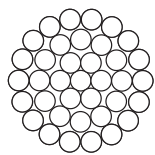
- Designed for improved sag under extreme ice and wind loads
- ZTACSR/TW/MA5 construction
- Trapezoidal Wire (TW) stranding allows for reduced diameter (i.e. reduced ice and wind loads)
- High temperature capability allows for a smaller conductor OD
- Features:
  - High modulus
  - High resiliency
  - 210°C | 240°C Ratings



**VR2®  
Overhead Conductor**

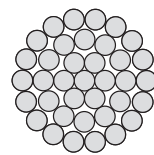
- Two conductors twisted together to an engineered lay length based on conductor size
- Presents a varying profile to the wind to resist galloping and Aeolian vibration
- Available using ACSR, ZTACSR, AAC, or AAAC Conductors

## SOUTHWIRE® LEGACY PRODUCTS



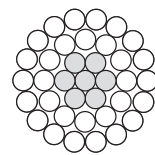
**AAC  
All-Aluminum Conductor**

- 1350-H19 Aluminum Strands
- 61.2% IACS conductivity
- Excellent corrosion resistance
- Superior conductivity-to-weight ratio



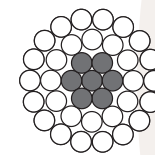
**AAAC  
All-Aluminum Alloy Conductor**

- 6201-T81 Aluminum Alloy Strands
- 52.5% IACS conductivity
- Excellent corrosion resistance
- Excellent strength-to-weight ratio



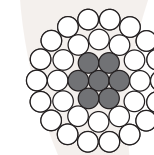
**ACAR  
Aluminum Conductor,  
Aluminum Alloy Reinforced**

- 1350-H19 Aluminum Outer Strands
- 61.2% IACS conductivity
- 6201-T81 Aluminum Alloy Inner Strands
- 52.5% IACS conductivity
- Excellent corrosion resistance



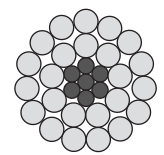
**ACSR  
Aluminum Conductor,  
Steel Reinforced**

- 1350-H19 Aluminum Outer Strands
- 61.2% IACS conductivity
- Coated steel core strands



**ACSS  
Aluminum Conductor,  
Steel Supported**

- 1350-0 Temper Aluminum Outer Strands
- 63% IACS conductivity
- Mischmetal-coated steel core strand
- 250°C continuous operating temperature
- Self-damping



**AACSR  
Aluminum Alloy Conductor,  
Steel Reinforced**

- 6201-T81 Aluminum Alloy Outer Strands
- 52.5% IACS conductivity
- Coated steel core strands

## OPTIONS

### Color Key

- C7® Core
- Aluminum Alloy
- Steel Core
- Aluminum
- Al-Zr

### Aluminum Alloys

- 1350-H19
- 1350-0 Temper
- Aluminum-Zirconium (Al-Zr)
- 6201-T81

### Corrosion Protection

- Zinc-Coated (Galvanized)
- Zinc-5% Aluminum-Mischmetal Alloy Coated
- Aluminum-Clad (AW)
- Greased Core and/or Inner Aluminum Layers

### Other Options

- Trapezoidal Wire (TW)
- Non-Specular