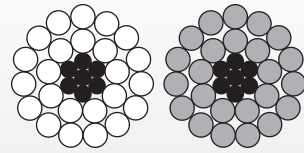


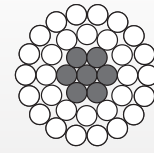
Overhead Transmission and Distribution Conductors

Southwire® System Hardening Products



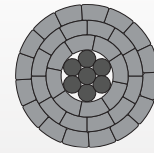
**C7®
Overhead Conductor**

- Southwire's High Temperature, Low Sag (HTLS) conductor with a carbon fiber composite multi-strand core
- ACCS or ZTACCR constructions
- TS- Thermoset 180C | 200C
- 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 when used in ACSS or ACSS/TW
 - High modulus
 - Excellent corrosion resistance



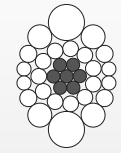
**MaxStorm®
Overhead Conductor**

- 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
 - 210C | 240C Ratings



**VR2®
Overhead Conductor**

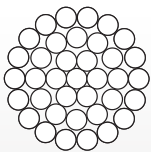
- Two conductors twisted together to an engineered lay length based on conductor size
- Presents a varying profile to the wind to resist galloping and Aeolian vibration
- Available using ACSR, ZTACSR, AAC, or AAAC Conductors



**MRC
Motion-Resistant Conductor (Oval)**

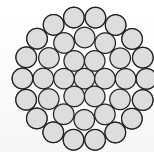
- Strands in the outer layer vary in diameter and shape to create an oval shape
- Presents a varying profile to the wind to resist galloping and Aeolian vibration

Southwire® Legacy Products



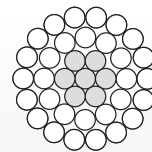
**AAC
All-Aluminum Conductor**

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



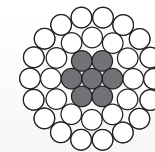
**AAAC
All-Aluminum Alloy Conductor**

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



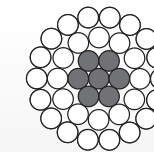
**ACAR
Aluminum Conductor,
Aluminum Alloy Reinforced**

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



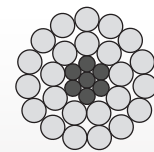
**ACSR
Aluminum Conductor, Steel Reinforced**

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



**ACSS
Aluminum Conductor, Steel Supported**

- 1350-O 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
- Steel Core
- Al-Zr
- Aluminum Alloy
- Aluminum

Aluminum Alloys

- 1350-H19
- 1350-O 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
- C7® Composite Core

Other Options

- Trapezoidal Wire (TW) Non-Specular