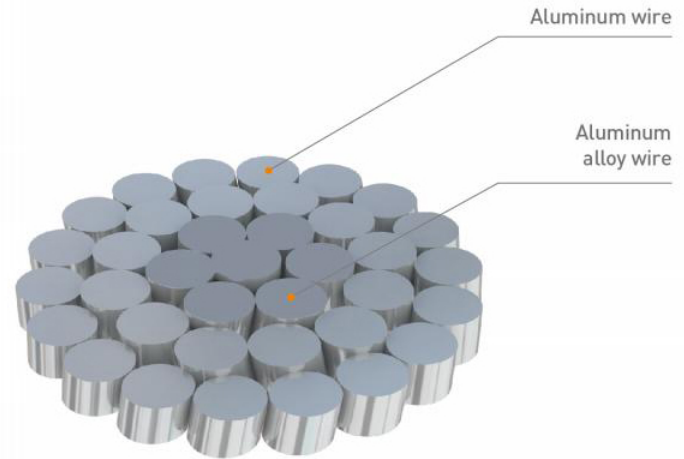


# Aluminum Conductor Aluminum Alloy Reinforced (ACAR)

FiberHome ACAR consists of high-strength aluminum alloy wires instead of galvanized steel wires. With the same cross section, aluminum alloy wires show lower DC resistance, and more superior conductivity.



## Conductor Structure

- Max. RTS: 273 kN
- Max. cross section: 1447 mm<sup>2</sup>
- Min. DC Resistance 20°C: 0.0207 Ω/km
- Aluminum 1350-H19 wires are in accordance with specification ASTM B 230/B 230M
- Aluminum alloy 6201-T81 wires are in accordance with specification ASTM B 398/B 398M



## Technical Characteristics

- Superior current carrying capacity
- High ratio of draw weight
- Zero hysteresis loss
- Excellent anti-corrosion performance
- Applicable to different voltage levels



## Installation Performance

- Installation bend radius: 20×D
- Temperature range: installation -10°C~+50°C, operation -40°C~+80°C

• Products can be customized, included but not limited to the above