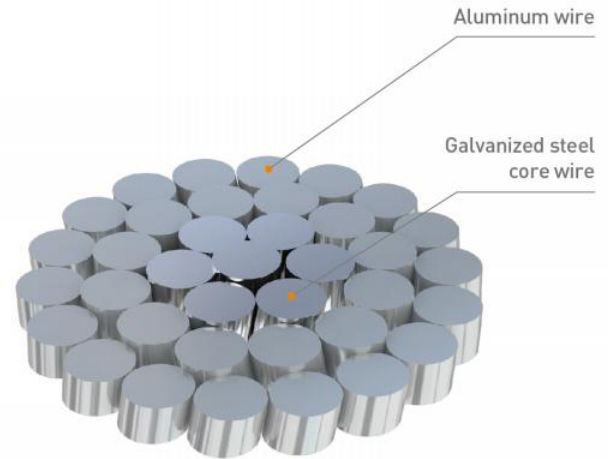


# Aluminum Conductor Steel Reinforced (ACSR)

FiberHome ACSR cable consists of aluminum stranded wires reinforced by galvanized steel wires. Characterized by its simple structure, ACSR is convenient for laying and maintenance. Its line cost is low while the transmission capacity is large, which makes it perfect for rivers and valleys, or other special geographical conditions. ACSR also shows impressive performance in electrical conductivity, mechanical strength, tensile strength, and tower distance. Therefore, ACSR is widely used in overhead transmission and distribution lines with different voltage levels.



## Conductor Structure

- Max. RTS: 343 kN
- Max. cross section: 1352 mm<sup>2</sup>
- Min. DC Resistance 20°C: 0.0232 Ω/km
- Aluminum 1350-H19 wires are in accordance with specification ASTM B 230/B 230M
- Galvanized steel wires are in accordance with specification ASTM B 498/B 498M, B 606, B 802/B 802M, B 803, B 957, or B 958



## Technical Characteristics

- Suitable for large span
- High strength as reinforced by galvanized steel wires
- Applicable to mountainous area and heavy ice area
- 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