

# All Aluminum Alloy Conductor (AAAC)

All Aluminum Alloy Conductor (AAAC) is a high-strength aluminum alloy conductor for overhead power transmission. It offers a better strength-to-weight ratio, higher conductivity and improved corrosion resistance compared to traditional aluminum conductors.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Overhead Conductor

All Aluminum Alloy Conductor (AAAC) is engineered for high-strength overhead power transmission and distribution. Utilizing advanced aluminum alloy materials, these conductors offer an superior strength-to-weight ratio, enhanced conductivity, and improved corrosion resistance compared to traditional aluminum alternatives. Designed for efficiency, they are suitable for long-distance transmission lines and demanding electrical infrastructure projects.

## Technical Specifications

### Conductivity Ratings

**55 % IACS**

Heat Resisting Alloy

**58 % IACS**

Heat Resisting Alloy

**60 % IACS**

High Strength Alloy

### Alloy Series

High strength Almasilium, Middle strength Almasilium, 55% IACS heat resisting, 58% IACS heat resisting, 60% IACS high strength, 60% IACS special high strength

## Quality & Customization

### Quality Assurance

Yes

### Customization

Available for design and manufacturing based on specific customer requirements.