

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.