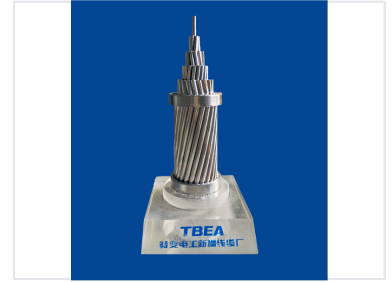
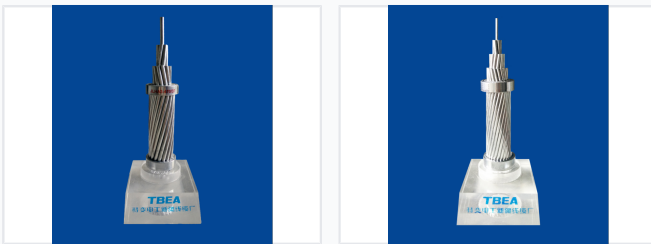


All Aluminum Alloy Conductor

All aluminum alloy conductors are high-strength electrical conductors made from aluminum alloy. They provide excellent corrosion resistance and a good strength-to-weight ratio for overhead power transmission.



ADDITIONAL IMAGES



Product Overview

High-Performance Electrical Conductor

The All Aluminum Alloy Conductor (AAAC) is engineered from a high-strength Aluminum-Magnesium-Silicon alloy, designed to meet the rigorous demands of overhead power transmission and distribution. This conductor offers a superior strength-to-weight ratio and exceptional corrosion resistance, making it an ideal choice for challenging environments, including coastal areas or regions with high pollution. Its advanced design ensures improved sag-tension characteristics and reliable performance under high wind or ice loading conditions.

Technical Specifications

Key Features

- High strength-to-weight ratio
- Superior corrosion resistance
- Improved sag characteristics
- Enhanced electrical properties
- Concentric lay stranded construction

Available Alloy Grades

6101, 6201

Applications

Recommended Use Cases

Overhead Power Transmission • Distribution Lines • Coastal Environments • High Pollution Areas • High Wind/Ice Loading Zones