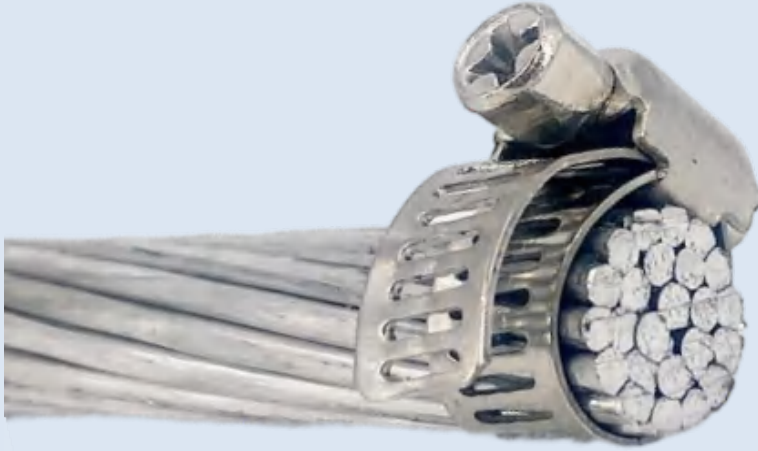




# 【bare stranded cable】



## DESCRIPTION

Bare stranded conductors are non-insulated wires mainly used for overhead power transmission and distribution lines. Made of high-purity aluminum or aluminum conductor steel reinforced, they feature excellent electrical conductivity, high mechanical strength and lightweight design. With simple structure, low cost and easy installation, they adapt to long-span outdoor laying. Resistant to common atmospheric corrosion, these conductors ensure stable power delivery. They are widely applied in power grids to transmit electric energy efficiently over long distances.

## PARAMETER

Application Scenario	Overhead power transmission & distribution lines
Conductor Type	Aluminum/ACSR stranded wire
Structure	Multi-strand concentric stranding
Rated Voltage	10 – 500 kV
Working Frequency	50 Hz
Cross-section	16 – 800 mm <sup>2</sup>
DC Resistance (20°C)	0.08 – 0.87 /km
Operating Temperature	Max 70°C (continuous)
Span Length	50 – 500 m
Core Features	High conductivity, high strength, corrosion resistance, low cost