



# ZHENGZHOU JINHANG HIGH-TECH CO., LTD

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## CABLE CAAI (NA)

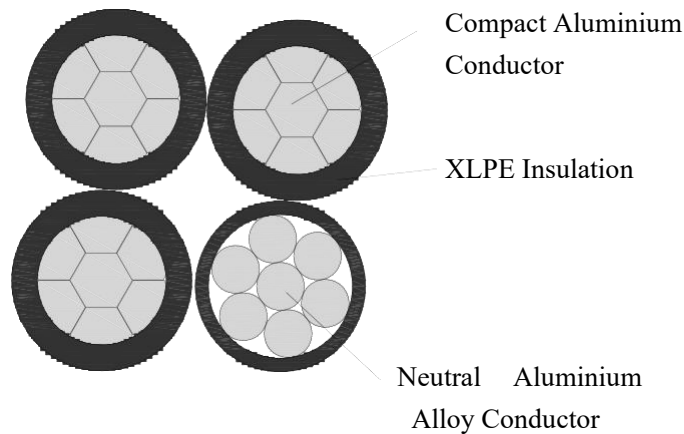
Technical Data	CAAI (NA)
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| <ul style="list-style-type: none"> <li>• Cable comply with IEC 60502</li> <li>• Voltage: U<sub>0</sub>/U 0.6/1 kV</li> <li>• Temperature of laying : no less than - 10 °C recommended 15 °C</li> </ul> | <ul style="list-style-type: none"> <li>• <b>Minimum Bending Radius</b><br/>15 x cable Ø</li> <li>• <b>Permitting long-term operating temperature</b><br/>90°C</li> </ul> |
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### Application

The CAAI cables with cross-linked polyethylene (XLPE) insulation for overhead lines are designed for electrical installations with alternating power networks with nominal voltage U<sub>0</sub>/U 0.6/1 kV or in direct power networks with maximum voltage according to land 0.9 kV. The cables with supporting (bearing) zero conductors are used for building networks in city and urban areas

### Drawing



### Cable structure

Size mm <sup>2</sup>	Conductor			XLPE Insulation			Approx. Overall diameter mm	Approx. weight Kg/km	Max.DC. Resistance at 20°C Ω/km		
	single wire			nomial thickness(mm)					Phase AAC	Lighting AAC	Neutral AAAC
	No/dia.mm	No/dia.mm	No/dia.mm	Phase AAC	Lighting AAC	Neutral AAAC					
	Phase AAC	Lighting AAC	Neutral AAAC	Phase AAC	Lighting AAC	Neutral AAAC			Phase AAC	Lighting AAC	Neutral AAAC
1X16+NA25	7/1.7	-	7/2.13	1.14	-	1.14	18	160	1.910	-	1.351
3x16+NA25	7C	-	7/2.13	1.14	-	1.14	18	280	1.910	-	1.351
3x16+16+NA25	7/1.7	7/1.7	7/2.13	1.14	1.14	1.14	18	340	1.910	1.910	1.351
3x25+16+NA25	7C	7/1.7	7/2.13	1.14	1.14	1.14	21	430	1.200	1.910	1.351
3X35+NA25	7C	-	7/2.13	1.14	-	1.14	22	450	0.868	-	1.351

Note: C standard for compact conductor



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## All Aluminium Alloy Conductor (AAAC)

### Technical Data

AAAC

- Conductor comply with
- BSEN50182, ASTM B398
- **Minimum Bending Radius**  
30x cable Ø
- **Permitting long-term operating temperature**  
75°C

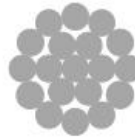
### Application

6201-T81 aluminum alloy wires, concentrically stranded, suitable for overhead transmitting and distributing electric circuit, application for use in the area of mountain hill heavy snow and windstorm and long-stride project.

### Drawing



7 STRANDS



19 STRANDS

### Main data

Size mm <sup>2</sup>	Conductor		Rated strength	Max.DC. Resistance at 20°C	Overall diameter mm	Approx . weight Kg/km
	Aluminium alloy single wire					
	Nos.	Diameter	KN	Ω/km		
50	7	3.0	13.82	0.6755	9.0	135
120	19	2.8	32.68	0.2854	14.0	322



# HENAN JINSHUI CABLE GROUP CO., LTD

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## 0.6/1KV Al/XLPE/PVC CONCENTRIC CABLE

### Technical Data

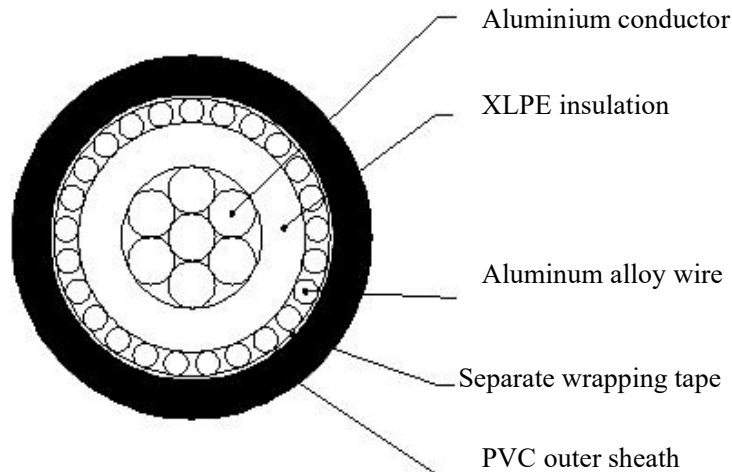
AL/XLPE/PVC 0.6/1KV

- Cable comply with IEC 60502 part 1
- **Temperature Range**  
-15°C to 50°C
- **Nominal Voltage**  
U<sub>0</sub>/U 0.6/1kV
- **Test Voltage** 3.5kV/5min
- **Minimum Bending Radius**  
15x cable Ø
- **Permitting long-term operating temperature**  
90°C

### Application

Concentric cable is a type of cable with a combined neutral and earth wire completely surrounds the core, Suitable for electrical network, are used in service entrances replacing low voltage bundled cables in order to avoid energy robbery.

### Cable drawing



### Cable structure

Size mm <sup>2</sup>	Conductor single wire nos/dia.mm	Insulation Thickness mm	Aluminium Alloy H8000 Concentric layer wire dia. mm	Outer sheath thickness mm	Approx. Overall diameter mm	Approx. weight Kg/km	Max. DC. Resistance at 20°C Ω/km
2X6	7/1.05	0.7	0.5	1.4	8.9	91	4.61