

ABC CABLE



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YIFANG ELECTRIC GROUP INC



BRIEF INTRODUCTION

Zhengzhou Yifang Cable Co., Ltd. is mainly specialized in Wires & Cables, including designment, production and sales, Locating in western district of Zhengzhou, Henan Province, P. R. China. The total area of factory is more than 140 thousands square meters, and it is one of the many great manufacturers in China.

Its products are mainly covering Low, Medium, High Voltage (1KV to 220KV) XLPE Insulated Power Cable, PVC insulated Power Cable, Aerial-Bundle Cable (ABC cable), PVC Insulated Wires (Building Cable), Control Cable, Rubber Cable, Bare Conductor (ACSR, AAC, AAAC, BCC), Welding Cable, Galvanized Steel Wire (Stay wire), etc.

The products are complying with GB, IEC, BS, ASTM, etc. Besides, we have the capacity to design and produce all kinds of wires and cables according to your special requirements (supplying OEM Service).

In the past years, our products have been sold to many countries and regions, such as Algeria, Australia, Bahrain, Bolivia, Bangladesh, Brazil, Burma, Chile, Costa Rica, Cyprus, Egypt, Hongkong, Indonesia, Iran, Jamaica, Jordan, Kenya, Macao, Malaysia, Mexico, Nepal, Nigeria, Korea-North, Oman, Pakistan, Philippines, Russia, Singapore, Sri Lanka, Sudan, Tanzania, Thailand, Togo, Yemen, Vietnam, Zambia.

0.6/1KV AERIAL BUNDLE CABLE(ABC CABLE) AAC SELF-SUPPORTING

Applications

To supply 120 volt aerial service for temporary service at construction sites, outdoor or street lighting. For service at 1000 volts or lower at a conductor temperature of 75°C maximum.

Construction

All aluminium conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR, or 6201 alloy neutral messenger.



Standards

- ★ International Electrochemical Commission228(IEC228)
- ★ International Electrochemical Commission208(IEC208)
- ★ International Electrochemical Commission502(IEC502)

Item	Description	Phase conductor		Bare Conductor(AAC)	Approx. Overall Diameter & Weight	
		NO.Stranding & Diameter	XLPE Thickness		NO.Stranding & Diameter	Diameter (mm)
1	1 × 10mm ² +10mm ²	7/1.35	1.0	7/1.35	10.30	72
2	1 × 16mm ² +16mm ²	7/1.70	1.2	7/1.70	12.84	113
3	1 × 25mm ² +25mm ²	7/2.22	1.2	7/2.22	15.04	165
4	1 × 35mm ² +35mm ²	7/2.59	1.4	7/2.59	17.88	231
5	1 × 50mm ² +50mm ²	7/3.10	1.4	7/3.10	19.68	318
6	1 × 70mm ² +50mm ²	19/2.22	1.4	7/3.10	21.38	380
7	1 × 95mm ² +50mm ²	19/2.59	1.4	7/3.10	22.98	456

0.6/1KV AERIAL BUNDLE CABLE(ABC CABLE) AAC SELF-SUPPORTING

Applications

To supply power from the utility's lines to the consumer's weatherhead. For service at 1000 volts or less (phase to phase) at a conductor temperature of 75°C maximum for polyethylene insulation or 90°C maximum for cross linked insulation.

Construction

All aluminium conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR or 6201 alloy neutral messenger.



Standards

- ★ International Electrochemical Commission228(IEC228)
- ★ International Electrochemical Commission208(IEC208)
- ★ International Electrochemical Commission502(IEC502)

Item	Description	Phase conductor		Bare Conductor(AAC)	Approx. Overall Diameter & Weight	
		NO.Stranding & Diameter	XLPE Thickness		NO.Stranding & Diameter	Diameter (mm)
1	2 × 10mm ² +10mm ²	7/1.35	1.0	7/1.35	12.30	116
2	2 × 16mm ² +16mm ²	7/1.70	1.2	7/1.70	15.24	181
3	2 × 25mm ² +25mm ²	7/2.22	1.2	7/2.22	17.44	261
4	2 × 35mm ² +35mm ²	7/2.59	1.4	7/2.59	20.28	365
5	2 × 50mm ² +50mm ²	7/3.10	1.4	7/3.10	22.48	498
6	2 × 70mm ² +50mm ²	19/2.22	1.4	7/3.10	25.88	622
7	2 × 95mm ² +50mm ²	19/2.59	1.4	7/3.10	29.08	774

0.6/1KV AERIAL BUNDLE CABLE(ABC CABLE) AAC SELF-SUPPORTING

Applications

Used to supply 3 phase power, usually from a pole-mounted transformer, to the user's service head where connection to the service entrance cable is made. To be used at voltages of 1000 volts or less phase to phase and at conductor temperatures not to exceed 75°C for polyethylene insulated conductors or 90°C for cross linked polyethylene (XLPE) insulated conductors.

Construction

All aluminium conductor, Insulated with either polyethylene or XLPE cross linked polyethylene. Neutral messengers are concentrically stranded 6201, AAC, or ACSR. One conductor is manufactured with an extruded ridge for phase identification.



Standards

- ★ International Electrochemical Commission228(IEC228)
- ★ International Electrochemical Commission208(IEC208)
- ★ International Electrochemical Commission502(IEC502)

Item	Description	Phase conductor		Bare Conductor(AAC)	Approx. Overall Diameter & Weight	
		NO.Stranding & Diameter	XLPE Thickness		NO.Stranding & Diameter	Diameter (mm)
1	3 × 10mm ² +10mm ²	7/1.35	1.0	7/1.35	14.76	160
2	3 × 16mm ² +16mm ²	7/1.70	1.2	7/1.70	18.28	249
3	3 × 25mm ² +25mm ²	7/2.22	1.2	7/2.22	20.92	357
4	3 × 35mm ² +35mm ²	7/2.59	1.4	7/2.59	24.33	499
5	3 × 50mm ² +50mm ²	7/3.10	1.4	7/3.10	26.97	678
6	3 × 70mm ² +50mm ²	19/2.22	1.4	7/3.10	31.05	864
7	3 × 95mm ² +50mm ²	19/2.59	1.4	7/3.10	34.89	1092

0.6/1KV AERIAL BUNDLE CABLE(ABC CABLE) AAAC SELF-SUPPORTING

Applications

To supply 120 volt aerial service for temporary service at construction sites, outdoor or street lighting. For service at 1000 volts or lower at a conductor temperature of 75°C maximum.

Construction

All aluminium conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR, or 6201 alloy neutral messenger.



Standards

- ★ International Electrochemical Commission228(IEC228)
- ★ International Electrochemical Commission208(IEC208)
- ★ International Electrochemical Commission502(IEC502)

Item	Description	Phase conductor		Bare Conductor(AAAC)	Approx. Overall Diameter & Weight	
		NO.Stranding & Diameter	XLPE Thickness	NO.Stranding & Diameter	Diameter (mm)	Weight (kg/km)
1	1 × 10mm ² +10mm ²	7/1.35	1.0	7/1.35	10.30	72
2	1 × 16mm ² +16mm ²	7/1.70	1.2	7/1.70	12.84	113
3	1 × 25mm ² +25mm ²	7/2.22	1.2	7/2.22	15.04	165
4	1 × 35mm ² +35mm ²	7/2.59	1.4	7/2.59	17.88	231
5	1 × 50mm ² +50mm ²	7/3.10	1.4	7/3.10	19.68	318
6	1 × 70mm ² +50mm ²	19/2.22	1.4	7/3.10	21.38	380
7	1 × 95mm ² +50mm ²	19/2.59	1.4	7/3.10	22.98	456

0.6/1KV AERIAL BUNDLE CABLE(ABC CABLE) AAAC SELF-SUPPORTING

Applications

To supply power from the utility' s lines to the consumer' s weatherhead. For service at 1000 volts or less (phase to phase) at a conductor temperature of 75°C maximum for polyethylene Insulation or 90°C maximum for cross linked insulation.

Construction

All aluminium conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR or 6201 alloy neutral messenger.



Standards

- ★ International Electrochemical Commission228(IEC228)
- ★ International Electrochemical Commission208(IEC208)
- ★ International Electrochemical Commission502(IEC502)

Item	Description	Phase conductor		Bare Conductor(AAAC)	Approx. Overall Diameter & Weight	
		NO.Stranding & Diameter	XLPE Thickness	NO.Stranding & Diameter	Diameter (mm)	Weight (kg/km)
1	2 × 10mm ² +10mm ²	7/1.35	1.0	7/1.35	12.30	116
2	2 × 16mm ² +16mm ²	7/1.70	1.2	7/1.70	15.24	181
3	2 × 25mm ² +25mm ²	7/2.22	1.2	7/2.22	17.44	261
4	2 × 35mm ² +35mm ²	7/2.59	1.4	7/2.59	20.28	365
5	2 × 50mm ² +50mm ²	7/3.10	1.4	7/3.10	22.48	498
6	2 × 70mm ² +50mm ²	19/2.22	1.4	7/3.10	25.88	622
7	2 × 95mm ² +50mm ²	19/2.59	1.4	7/3.10	29.08	774

0.6/1KV AERIAL BUNDLE CABLE(ABC CABLE) AAAC SELF-SUPPORTING

Applications

Used to supply 3 phase power, usually from a pole-mounted transformer, to the user's service head where connection to the service entrance cable is made. To be used at voltages of 1000 volts or less phase to phase and at conductor temperatures not to exceed 75°C for polyethylene insulated conductors or 90°C for cross linked polyethylene (XLPE) insulated conductors.



Construction

All aluminium conductor. Insulated with either polyethylene or XLP cross linked polyethylene. Neutral messengers are concentrically stranded 6201, AAC, or ACSR. One conductor is manufactured with an extruded ridge for phase identification.

Standards

- ★ International Electrochemical Commission228(IEC228)
- ★ International Electrochemical Commission208(IEC208)
- ★ International Electrochemical Commission502(IEC502)

Item	Description	Phase conductor		Bare Conductor(AAAC)	Approx. Overall Diameter & Weight	
		NO.Stranding & Diameter	XLPE Thickness		NO.Stranding & Diameter	Diameter (mm)
1	3 × 10mm ² +10mm ²	7/1.35	1.0	7/1.35	14.76	160
2	3 × 16mm ² +16mm ²	7/1.70	1.2	7/1.70	18.28	249
3	3 × 25mm ² +25mm ²	7/2.22	1.2	7/2.22	20.92	357
4	3 × 35mm ² +35mm ²	7/2.59	1.4	7/2.59	24.33	499
5	3 × 50mm ² +50mm ²	7/3.10	1.4	7/3.10	26.97	678
6	3 × 70mm ² +50mm ²	19/2.22	1.4	7/3.10	31.05	864
7	3 × 95mm ² +50mm ²	19/2.59	1.4	7/3.10	34.89	1092

0.6/1KV AERIAL BUNDLE CABLE(ABC CABLE) ACSR SELF-SUPPORTING

Applications

To supply 120 volt aerial service for temporary service at construction sites, outdoor or street lighting. For service at 1000 volts or lower at a conductor temperature of 75°C maximum.



Construction

All aluminium conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR, or 6201 alloy neutral messenger.

Standards

- ★ International Electrochemical Commission228(IEC228)
- ★ International Electrochemical Commission208(IEC208)
- ★ International Electrochemical Commission502(IEC502)

Item	Description	Phase conductor		Bare Conductor(ACSR)		Approx. Overall Diameter & Weight	
		NO.Stranding & Diameter	XLPE Thickness	NO.Stranding & Diameter		Diameter (mm)	Weight (kg/km)
				AL	Steel		
1	1 × 10mm ² +10mm ²	7/1.35	1.0	6/1.35	1/1.35	10.30	85.8
2	1 × 16mm ² +16mm ²	7/1.70	1.2	6/1.70	1/1.70	12.84	133.7
3	1 × 25mm ² +25mm ²	7/2.22	1.2	6/2.22	1/2.22	15.04	215.8
4	1 × 35mm ² +35mm ²	7/2.59	1.4	6/2.59	1/2.59	17.88	294.0
5	1 × 50mm ² +50mm ²	7/3.10	1.4	6/3.10	1/3.10	19.68	410.2
6	1 × 70mm ² +50mm ²	19/2.22	1.4	6/3.10	1/3.10	21.38	574.3
7	1 × 95mm ² +50mm ²	19/2.59	1.4	6/3.10	1/3.10	22.98	704.5

0.6/1KV AERIAL BUNDLE CABLE(ABC CABLE) ACSR SELF-SUPPORTING

Applications

To supply power from the utility's lines to the consumer's weatherhead. For service at 1000 volts or less (phase to phase) at a conductor temperature of 75°C maximum for polyethylene insulation or 90°C maximum for cross linked insulation.

Construction

All aluminium conductor, polyethylene or cross linked polyethylene insulation, concentric strand AAC, ACSR or 6201 alloy neutral messenger.

Standards

- ★ International Electrochemical Commission228(IEC228)
- ★ International Electrochemical Commission208(IEC208)
- ★ International Electrochemical Commission502(IEC502)



Item	Description	Phase conductor		Bare Conductor(ACSR)		Approx. Overall Diameter & Weight	
		NO.Stranding & Diameter	XLPE Thickness	NO.Stranding & Diameter		Diameter (mm)	Weight (kg/km)
				AL	Steel		
1	2 × 10mm ² +10mm ²	7/1.35	1.0	6/1.35	1/1.35	12.30	120.7
2	2 × 16mm ² +16mm ²	7/1.70	1.2	6/1.70	1/1.70	15.24	133.7
3	2 × 25mm ² +25mm ²	7/2.22	1.2	6/2.22	1/2.22	17.44	310.2
4	2 × 35mm ² +35mm ²	7/2.59	1.4	6/2.59	1/2.59	20.28	422.5
5	2 × 50mm ² +50mm ²	7/3.10	1.4	6/3.10	1/3.10	22.48	594.2
6	2 × 70mm ² +50mm ²	19/2.22	1.4	6/3.10	1/3.10	25.88	964.5
7	2 × 95mm ² +50mm ²	19/2.59	1.4	6/3.10	1/3.10	29.08	1224.9

0.6/1KV AERIAL BUNDLE CABLE(ABC CABLE) ACSR SELF-SUPPORTING

Applications

Used to supply 3 phase power, usually from a pole-mounted transformer, to the user's service head where connection to the service entrance cable is made. To be used at voltages of 1000 volts or less phase to phase and at conductor temperatures not to exceed 75°C for polyethylene insulated conductors or 90°C for cross linked polyethylene (XLPE) insulated conductors.

Construction

All aluminium conductor. Insulated with either polyethylene or XLP cross linked polyethylene. Neutral messengers are concentrically stranded 6201, AAC, or ACSR. One conductor is manufactured with an extruded ridge for phase identification.

Standards

- ★ International Electrochemical Commission228(IEC228)
- ★ International Electrochemical Commission208(IEC208)
- ★ International Electrochemical Commission502(IEC502)



Item	Description	Phase conductor		Bare Conductor(ACSR)		Approx. Overall Diameter & Weight	
		NO.Stranding & Diameter	XLPE Thickness	NO.Stranding & Diameter		Diameter (mm)	Weight (kg/km)
				AL	Steel		
1	3 × 10mm ² +10mm ²	7/1.35	1.0	6/1.35	1/1.35	14.76	187.6
2	3 × 16mm ² +16mm ²	7/1.70	1.2	6/1.70	1/1.70	18.28	290.4
3	3 × 25mm ² +25mm ²	7/2.22	1.2	6/2.22	1/2.22	20.92	458.6
4	3 × 35mm ² +35mm ²	7/2.59	1.4	6/2.59	1/2.59	24.33	625.0
5	3 × 50mm ² +50mm ²	7/3.10	1.4	6/3.10	1/3.10	26.97	862.3
6	3 × 70mm ² +50mm ²	19/2.22	1.4	6/3.10	1/3.10	31.05	1354.7
7	3 × 95mm ² +50mm ²	19/2.59	1.4	6/3.10	1/3.10	34.89	1745.3

0.6/1KV AERIAL BUNDLE CABLE(ABC CABLE)

Applications

Used to supply 1 phase power, usually from a pole-mounted transformer, to the user's service head where connection to the service entrance cable is made. To be used at voltages of 1000 volts or less phase to phase and at conductor temperatures not to exceed 75°C for polyethylene insulated conductors or 90°C for cross linked polyethylene (XLPE) insulated conductors.



Construction

All aluminium conductor. Insulated with either polyethylene or XLP cross linked polyethylene. Insulated conductors surface printed, neutral triple yellow striped. Three phase and one neutral conductor cabled together (LH lay) or parallel if so specified. Black neutrals may be specified if desired for identification.

Standards

- ★ International Electrochemical Commission 228(IEC228)
- ★ International Electrochemical Commission 208(IEC208)
- ★ International Electrochemical Commission 502(IEC502)

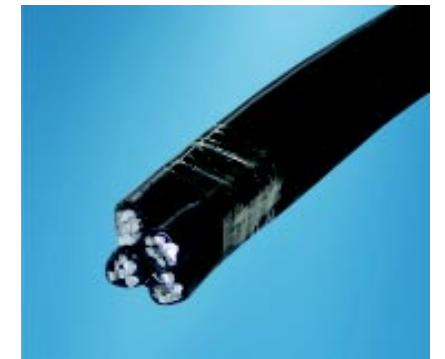
Item	Description	Phase conductor		Approx. Overall Diameter & Weight	
		NO.Stranding & Diameter	XLPE Thickness	Diameter (mm)	Weight (kg/km)
1	1 × 10mm ²	7/1.35	1.0	6.15	44
2	1 × 16mm ²	7/1.70	1.2	7.62	68
3	1 × 25mm ²	7/2.22	1.2	8.72	96
4	1 × 35mm ²	7/2.59	1.4	10.14	134
5	1 × 50mm ²	7/3.10	1.4	11.24	180
6	1 × 70mm ²	19/2.22	1.4	12.94	242
7	1 × 95mm ²	19/2.59	1.4	14.54	318
8	1 × 120mm ²	19/2.97	1.6	16.36	403
9	1 × 150mm ²	37/2.33	1.8	18.38	504
10	1 × 185mm ²	37/2.59	2.0	20.40	622
11	1 × 240mm ²	37/2.97	2.2	23.22	802
12	1 × 300mm ²	37/3.36	2.4	25.64	996

0.6/1KV AERIAL BUNDLE CABLE(ABC CABLE)

Quadruplex Conductor

Applications

Used to supply 4 phase power, usually from a pole-mounted transformer, to the user's service head where connection to the service entrance cable is made. To be used at voltages of 1000 volts or less phase to phase and at conductor temperatures not to exceed 75°C for polyethylene insulated conductors or 90°C for cross linked polyethylene (XLPE) insulated conductors.



Construction

All aluminium conductor. Insulated with either polyethylene or XLP cross linked polyethylene. Insulated conductors surface printed, neutral triple yellow striped. Three phase and one neutral conductor cabled together (LH lay) or parallel if so specified. Black neutrals may be specified if desired for identification.

Standards

- ★ International Electrochemical Commission 228(IEC228)
- ★ International Electrochemical Commission 208(IEC208)
- ★ International Electrochemical Commission 502(IEC502)

Item	Description	Phase conductor		Approx. Overall Diameter & Weight	
		NO.Stranding & Diameter	XLPE Thickness	Diameter (mm)	Weight (kg/km)
1	4 × 10mm ²	7/1.35	1.0	14.76	176
2	4 × 16mm ²	7/1.70	1.2	18.28	272
3	4 × 25mm ²	7/2.22	1.2	20.92	384
4	4 × 35mm ²	7/2.59	1.4	24.33	536
5	4 × 50mm ²	7/3.10	1.4	26.97	720
6	4 × 70mm ²	19/2.22	1.4	31.05	968
7	4 × 95mm ²	19/2.59	1.4	34.89	1272
8	4 × 120mm ²	19/2.97	1.6	39.50	1612
9	4 × 150mm ²	37/2.33	1.8	44.36	2016
10	4 × 185mm ²	37/2.59	2.0	49.24	2488
11	4 × 240mm ²	37/2.97	2.2	56.05	3208
12	4 × 300mm ²	37/3.36	2.4	61.89	3984

