

JYTOP[®]

ZHENG ZHOU
JINYUAN
WIRE AND CABLE CO., LTD.

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PVC INSULATED WIRE



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JINYUAN—YOUR POWERFUL AND RELIABLE SOLUTION FOR WIRES AND CABLES.

ABOUT JINYUAN

For over 20 years, Zhengzhou Jinyuan Wire and Cable Co., Ltd., as a professional cable manufacturer, has been producing customized cable for a wide range of applications based on high quality, excellent service and competitive market prices. This is an elite team with experienced personnel and strong technical support. Our achievements benefit by having access to the largest market for cheap labor and abundant resources in China and our determination to exceed our clients' expectations.

PRODUCTS & STANDARDS

We can produce more than 2,000 types of cables and wires, such as

- Bare Conductor: AAC, AAAC, ACSR, ACSR/AW, ACAR, ACSS, ACSS/AW, Aluminum Clad Steel Wire/Strand, Bare Copper Conductors, Copper Clad Steel Wire/Strand, Copper Clad Aluminum(CCA), Galvanized Steel Wire/Strand, etc.
- Overhead Insulated Cable: Covered Line Single Core Cable and Aerial Bundled Cable(ABC). ABC includes Duplex, Triplex, Quadruplex and more Cores Service Drop Cable.
- PVC Insulated Wire up to 450/750V
- PVC or XLPE Insulated Power Cable from 1kV to 36kV
- Control Cable
- Welding Cable
- Rubber Cable

We can produce cables according to the standards of IEC, ASTM, EN (BS, DIN, NF, etc.), AS/NZ and meet customers' special requirements.

ACHIEVEMENTS & COMMITMENT

Our cable has been exported to South-East Asia, South Asia, Middle-East, Europe, North and South America, Africa, Australia & New Zealand and so on. Zhengzhou Jinyuan Wire and Cable Co., Ltd.'s commitment is to be recognized as a zero-defect world class manufacturer in cable industry through continuous improvement of our quality, processes, and products, and by our determination to exceed our clients' expectations.



450/750V PVC Insulated (Non-Sheathed) Cables to BS 6004

Reference No 6491X
Single Core PVC Insulated



- Notes
1.Conductor of high conductivity copper wires insulated with PVC compound.
2.Insulation colors: red, black, blue, white, brown, grey, green, yellow.

Size of conductor		Nominal thickness of insulation mm	Overall diameter Upper limit mm	Approx. net weight kg/km
Nominal cross-section mm ²	Number and diameter of wires No./mm			
1.0	1/1.13	0.6	2.8	14
1.5	1/1.38	0.7	3.3	20
1.5	7/0.50	0.7	3.4	20
2.5	1/1.78	0.8	3.9	33
2.5	7/0.67	0.8	4.2	34
4	1/2.25	0.8	4.4	51
4	7/0.85	0.8	4.8	51
6	1/2.76	0.8	4.9	67
6	7/1.04	0.8	5.4	71
10	1/3.57	1.0	6.4	110
10	7/1.35	1.0	6.8	120
16	1/4.50	1.0	7.3	170
16	7/1.70	1.0	8.0	180
25	7/2.14	1.2	9.8	285
35	19/1.53	1.2	11.0	380
50	19/1.78	1.4	13.0	510
70	19/2.14	1.4	15.0	715
95	19/2.52	1.6	17.0	990
120	37/2.03	1.6	19.0	1230
150	37/2.25	1.8	21.0	1510
185	37/2.52	2.0	23.5	1900
240	61/2.25	2.2	26.5	2490
300	61/2.52	2.4	29.5	3050
400	61/2.85	2.6	33.5	3900
500	61/3.20	2.8	37.0	4880

450/750V PVC Insulated (Non-Sheathed) Flexible Conductor

General Purpose Cables to BS 6004



- Notes
1.Conductor of high conductivity copper wires insulated with PVC compound.
2.Insulation colors: red, black, brown, grey, orange, white, violet, pink, green/yellow, yellow.

Harmonized Code
Designation H07V-K
Single Core PVC Insulated

Size of conductor		Nominal thickness of insulation mm	Overall diameter Upper limit mm	Approx. net weight kg/km
Nominal cross-section mm ²	Number and diameter of wires No./mm			
1.0	32/0.20	0.6	3.0	16
1.5	30/0.25	0.7	3.5	21
2.5	50/0.25	0.8	4.2	33
4	56/0.30	0.8	4.8	50
6	84/0.30	0.8	6.3	70
10	80/0.40	1.0	7.6	120
16	126/0.40	1.0	8.8	175
25	166/0.40	1.2	11.0	290
35	276/0.40	1.2	12.5	400
50	396/0.40	1.4	14.5	565
70	360/0.50	1.4	17.0	770
95	475/0.50	1.6	19.0	1010
120	608/0.50	1.6	21.0	1260
150	756/0.50	1.8	23.5	1580
185	925/0.50	2.0	26.0	1900
240	1221/0.50	2.2	29.5	2500

300/500V PVC Insulated PVC Sheathed Cables to BS 6004

Reference No 6181Y
Single Core PVC Insulated and PVC Sheathed



Notes

- 1.Conductor of high conductivity copper wires insulated with PVC compound, sheathed with PVC compound.
- 2.Insulation colors: red, black.
Sheath colors: grey or white.

Size of conductor		Nominal thickness of insulation	Nominal thickness of sheath	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires			Lower limit	Upper limit	
mm ²	No./mm	mm	mm	mm	mm	kg/km
1.0	1/1.13	0.6	0.8	3.8	4.5	28
1.5	1/1.38	0.7	0.8	4.2	4.9	35
2.5	1/1.78	0.8	0.8	4.8	5.8	50
4	7/0.85	0.8	0.9	5.4	6.8	75
6	7/1.04	0.8	0.9	6.0	7.4	100
10	7/1.35	1.0	0.9	7.2	8.8	155
16	7/1.70	1.0	1.0	8.4	10.5	225
25	7/2.14	1.2	1.1	10.0	12.5	340
35	19/1.53	1.2	1.1	11.0	13.5	445

Reference No 6192Y
Flat Twin



Notes

- 1.Conductor of high conductivity copper wires insulated with PVC compound, sheathed with PVC compound.
- 2.Sheath colors: grey or white.

Size of conductor		Nominal thickness of insulation	Nominal thickness of sheath	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires			Lower limit	Upper limit	
mm ²	No./mm	mm	mm	mm	mm	kg/km
1.0	1/1.13	0.6	0.9	4.0*8.2	4.7*7.4	55
1.5	1/1.38	0.7	0.9	4.4*7.0	5.4*8.4	70
2.5	1/1.78	0.8	1.0	5.2*8.4	6.2*9.8	105
4	7/0.85	0.8	1.0	5.6*9.6	7.2*11.5	150
6	7/1.04	0.8	1.1	6.4*10.5	8.0*13.0	205
10	7/1.35	1.0	1.2	7.8*13.0	9.6*16.0	325
16	7/1.70	1.0	1.3	9.0*15.5	11.0*18.5	465

300/500V PVC Insulated PVC Sheathed Cables to BS 6004

Reference No 6193Y
Three Core (Flat)



Notes

- 1.Conductor of high conductivity copper wires insulated with PVC compound, sheathed with PVC compound.
- 2.Insulation colors: red, yellow and blue (yellow in centre).
Sheath colors: grey or white.

Size of conductor		Nominal thickness of insulation	Nominal thickness of sheath	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires			Lower limit	Upper limit	
mm ²	No./mm	mm	mm	mm	mm	kg/km
1.0	1/1.13	0.6	0.9	4.0*8.4	4.7*9.8	77
1.5	1/1.38	0.7	0.9	4.4*9.8	5.4*11.5	100
2.5	1/1.78	0.8	1.0	5.2*11.5	6.2*13.5	150
4	7/0.85	0.8	1.1	5.6*13.5	7.4*16.5	230
6	7/1.04	0.8	1.1	6.4*15.0	8.0*18.0	300
10	7/1.35	1.0	1.2	7.8*19.0	9.6*22.5	485
16	7/1.70	1.0	1.3	9.0*22.0	11.0*26.5	700

Reference No 6242Y
Flat-Twin with Bare Earth-continuity Conductor



Notes

- 1.Conductor of high conductivity copper wires insulated with PVC compound, sheathed with PVC compound.
- 2.Insulation colors: red and black.
Sheath colors: grey or white.

Size of conductor		Nominal thickness of insulation	Size of earth conductivity conductor	Nominal thickness of sheath	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires				Lower limit	Upper limit	
mm ²	No./mm	mm	No./mm	mm	mm	kg/km	
1.0	1/1.13	0.6	1/1.13	0.9	4.0*7.2	4.7*8.6	70
1.5	1/1.38	0.7	1/1.13	0.9	4.4*8.2	5.4*9.6	85
2.5	1/1.78	0.8	1/1.13	1.0	5.2*9.4	6.2*11.0	120
4	7/0.85	0.8	1/1.38	1.0	5.6*10.5	7.2*13.0	175
6	7/1.04	0.8	1/1.78	1.1	6.4*12.5	8.0*15.0	240
10	7/1.35	1.0	7/0.85	1.2	7.8*15.5	9.6*19.0	390
16	7/1.70	1.0	7/1.04	1.3	9.0*18	11.0*22.0	560

300/500V PVC Insulated PVC Sheathed Cables to BS 6004

Reference No 6243Y
Three-core (Flat) with Bare Earth-continuity Conductor



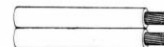
Notes

- 1.Conductor of high conductivity copper wires insulated with PVC compound, sheathed with PVC compound.
- 2.Insulation colors: red, yellow and blue (yellow in centre).
Sheath colors: grey or white.

Size of conductor		Nominal thickness of insulation	Size of earth conductivity conductor	Nominal thickness of sheath	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires				Lower limit	Upper limit	
mm ²	mm	mm	No./mm	mm	mm	mm	kg/km
1.0	1/1.13	0.6	1/1.13	0.9	4.0*9.6	4.7*11.0	92
1.5	1/1.38	0.7	1/1.13	0.9	4.4*10.5	5.4*12.5	115
2.5	1/1.78	0.8	1/1.13	1.0	5.2*12.5	6.2*14.5	170
4	7/0.85	0.8	1/1.38	1.1	5.8*14.5	7.4*18.0	255
6	7/1.04	0.8	1/1.78	1.1	6.4*16.5	8.0*20.0	340
10	7/1.35	1.0	7/0.85	1.2	7.8*21.0	9.6*25.5	550
16	7/1.70	1.0	7/1.04	1.3	9.0*24.5	11.0*29.5	790

300/300V PVC Insulated Parallel Flexible Cords to BS 6500

Reference No 2812X
Twin Core



Notes

- 1.Conductors of high conductivity copper wires insulated with PVC compound.
- 2.One core with a ridge for identification.

Size of conductor		Nominal thickness of insulation	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires		Lower limit	Upper limit	
mm ²	No./mm	mm	mm	mm	kg/km
0.5	26/0.15	0.6	2.5x5.0	3.0x6.0	24
0.75	42/0.15	0.8	2.7x5.4	3.2x6.4	29

300/500V and 450/750V PVC Insulated Flexible Cords to BS 6500/6004

Reference No 2491X
Single Core



Size of conductor		Nominal thickness of insulation	Overall diameter	Approx. net weight
Nominal cross-section	Number and diameter of wires			
mm ²	No./mm	mm	mm	kg/km
0.5	16/0.20	0.6	2.6	10
0.75	24/0.20	0.6	2.8	13
1.0	32/0.20	0.6	3.0	16
1.5*	30/0.25	0.7	3.5	20
2.5*	50/0.25	0.8	4.2	32
4.0*	56/0.30	0.8	4.8	49

Notes
1.Conductor of high conductivity copper wires insulated with PVC compound.
2.Insulation colors: red, black, white, blue, brown, grey and green/yellow.

*Rating Voltage 450/750V

300/500V PVC Insulated Twisted Twin Flexible Cords to BS 6500

Reference No 2492X
Twisted Twin



Size of conductor		Nominal thickness of insulation	Overall diameter of each core		Approx. net weight
Nominal cross-section	Number and diameter of wires		Upper limit		
mm ²	No./mm	mm	mm		kg/km
0.5	16/0.20	0.6	4.6		20
0.75	24/0.20	0.6	5.0		26
1.0	32/0.20	0.6	5.4		33

Notes
1.Conductor of high conductivity copper wires insulated with PVC compound.
2.Two cores twisted together.

300/300V PVC Insulated PVC Sheathed Parallel Twin Light Flexible Cords to BS 6500



Reference No 2192Y
Parallel Twin

Size of conductor		Nominal thickness of insulation	Nominal thickness of sheath	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires			Lower limit	Upper limit	
mm ²	No./mm	mm	mm	mm	mm	kg/km
0.5	16/0.20	0.5	0.6	3.0x4.8	3.6x6.0	27
0.75	24/0.20	0.5	0.6	3.2x5.2	3.8x6.4	34

Notes
1.Conductors of high conductivity copper wires insulated with PVC compound, sheathed with PVC compound.
2.Insulation colors: blue and brown. Sheath colors: grey, white or black.

300/300V PVC/PVC Sheathed Circular Light Flexible Cords to BS 6500



Reference No 2182Y
Twin Core

Size of conductor		Nominal thickness of insulation	Nominal thickness of sheath	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires			Lower limit	Upper limit	
mm ²	No./mm	mm	mm	mm	mm	kg/km
0.5	16/0.20	0.5	0.6	4.8	6.0	36
0.75	24/0.20	0.5	0.6	5.2	6.4	45

Notes
1.Conductors of high conductivity copper wires insulated with PVC compound, sheathed with PVC compound.
2.Insulation colors: blue and brown. Sheath colors: grey, white or black.

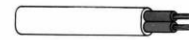
Reference No 2183Y
Three Core



Size of conductor		Nominal thickness of insulation	Nominal thickness of Sheath	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires			Lower limit	Upper limit	
mm ²	No./mm	mm	mm	mm	mm	kg/km
0.5	16/0.20	0.6	0.6	5.0	6.2	44
0.75	24/0.20	0.5	0.6	5.4	6.8	55

Notes
1.Conductor of high conductivity copper wires insulated with PVC compound, sheathed with PVC compound.
2.Insulation colors: green/yellow, blue and brown. Sheath colors: grey, white or black.

300/500V PVC/PVC Sheathed Parallel Twin Flexible Cords to BS 6500



Reference No 3192Y
Parallel Twin

Size of conductor		Nominal thickness of insulation	Nominal thickness of sheath	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires			Lower limit	Upper limit	
mm ²	No./mm	mm	mm	mm	mm	kg/km
0.75	24/0.20	0.6	0.8	3.8*6.0	5.2*7.6	47

Notes
1.Conductors of high conductivity copper wires insulated with PVC compound, sheathed with PVC compound.
2.Insulation colors: blue and brown. Sheath colors: grey white or black.

300/500V PVC/PVC Sheathed Circular Flexible Cords to BS 6500

Reference No 3182Y

Twin Core



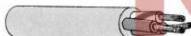
- Notes**
 1. Conductors of high conductivity copper wires insulated with PVC compound, sheathed with PVC compound.
 2. Insulation colors: blue and brown.
 Sheath colors: grey, white or black.

Size of conductor		Nominal thickness of insulation	Nominal thickness of sheath	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires			Lower limit	Upper limit	
mm ²	No./mm	mm	mm	mm	mm	kg/km
0.75	24/0.20	0.6	0.8	6.0	7.6	63
1.0	32/0.20	0.6	0.8	6.4	8.0	73
1.25	40/0.20	0.7	0.8	7.0	8.6	84
1.5	30/0.25	0.7	0.8	7.4	9.0	95
2.5	50/0.25	0.8	1.0	8.9	11.0	145

300/500V PVC/PVC Sheathed Circular Flexible Cords to BS 6500

Reference No 3183Y

Three Core



- Notes**
 1. Conductors of high conductivity copper wires insulated with PVC compound, sheathed with PVC compound.
 2. Insulation colors: green/yellow, blue and brown.
 Sheath colors: grey, white or black.

Size of conductor		Nominal thickness of insulation	Nominal thickness of sheath	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires			Lower limit	Upper limit	
mm ²	No./mm	mm	mm	mm	mm	kg/km
0.75	24/0.20	0.6	0.8	6.4	8.0	74
1.0	32/0.20	0.6	0.8	6.8	8.4	86
1.25	40/0.20	0.7	0.9	7.6	9.4	104
1.5	30/0.25	0.7	0.9	8.0	9.8	120
2.5	50/0.25	0.8	1.1	9.6	12.0	180

300/500V PVC/PVC Sheathed Circular Flexible Cords to BS 6500

Reference No 3184Y

Four Core



- Notes**
 1. Conductors of high conductivity copper wires insulated with PVC compound, sheathed with PVC compound.
 2. Insulation colors: green/yellow, black, blue and brown.
 Sheath colors: grey, white or black.

Size of conductor		Nominal thickness of insulation	Nominal thickness of sheath	Overall dimensions		Approx. net weight
Nominal cross-section	Number and diameter of wires			Lower limit	Upper limit	
mm ²	No./mm	mm	mm	mm	mm	kg/km
0.75	24/0.20	0.6	0.8	6.8	8.6	78
1.0	32/0.20	0.6	0.9	7.6	9.4	110
1.5	30/0.25	0.7	1.0	9.0	11.0	150
2.5	50/0.25	0.8	1.1	10.5	13.0	220

Class No 802

Twin Core



- Notes**
 Conductors of high conductivity copper wires. Two conductors laid side by side. Both insulated with PVC compound formation, one core with a ridge for identification.

Size of conductor		Nominal thickness of insulation	Nominal overall dimension	Approx. net weight
Nominal cross-section	Number and diameter of wires			
mm ²	No./mm	mm	mm	kg/km
0.5	16/0.20	0.5	1.95*3.90	15
0.75	24/0.20	0.5	2.15*4.30	21

Class No 812

Twisted Twin



- Notes**
 Conductors of high conductivity copper wires, insulated with PVC compound, two cores twisted together.

Size of conductor		Nominal thickness of insulation	Nominal overall diameter of each core	Approx. net weight
Nominal cross-section	Number and diameter of wires			
mm ²	No./mm	mm	mm	kg/km
0.5	16/0.20	0.5	1.95	16
0.75	24/0.20	0.5	2.15	22