

BUILDING WIRING WIRE & CABLE

 SHENXING CABLE GROUP



APPLICATION



Decoration



Elecabinet



Appliance

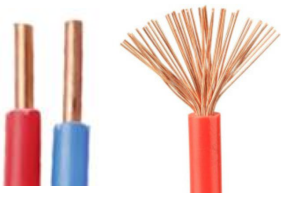


Lighting



Safety

CONDUCTOR



- ✓ Oxygen free copper
- ✓ Antioxidation
- ✓ Low resistance
- ✓ Stable conductivity



Low price



Flame retardant

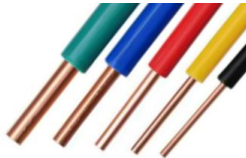


Easy installation

INSULATION

PVC: Low cost, anti-aging, flame retardant, chemical resistant, fire-resistant and flame-retardant.

XLPE: Strong insulation, anti cracking, fire-resistant, high temperature resistant, corrosion-resistant, non-toxicic.

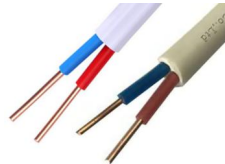


BV - copper core PVC-insulated cable

BYJ - copper core XLPE-insulated cable

Rated voltage 450/750V

Max temperature 70°C or 90°C



BVV - PVC-sheathed cables

BVVB - PVC-sheathed flat cable

Rated voltage 300/500V

Max temperature 70°C



RVB - Unshielded flat cable

Rated voltage 300/300V

Max temperature 70°C



RV - Copper core PVC-insulated flexible cable

Rated voltage 450/750V

Max temperature 70°C



RVV - PVC-sheathed flexible cables

Rated voltage 300/300V

Max temperature 70°C



RVS - PVC-insulated twisted flexible cable

Rated voltage 300/300V

Max temperature 70°C



Copper core PVC-insulated cable & Copper core XLPE-insulated cable (450/750V) model: BV & BYJ

NO. OF COND.	DIA OF COND. mm	COND. SECTION mm ²	SOLID CORE CONDUCTOR				TWISTED CONDUCTOR			
			INSULATION THK mm	LOWER LIMIT OF OVERALL DIA mm	UPPER LIMIT OF OVERALL DIA mm	RESISTANCE AT 70°C Ω/km	INSULATION THK mm	LOWER LIMIT OF OVERALL DIA mm	UPPER LIMIT OF OVERALL DIA mm	RESISTANCE AT 70°C Ω/km
Single	0.8	0.5	0.6	1.9	2.4	0.1500				
	1.0	0.75	0.6	2.1	2.6	0.0120				
	1.1	1	0.6	2.2	2.8	0.0110				
	1.4	1.5	0.7	2.6	3.3	0.0110	0.7	2.7	3.4	0.0100
	1.8	2.5	0.8	3.2	3.9	0.0100	0.8	3.3	4.2	0.0090
	2.3	4	0.8	3.6	4.4	0.0085	0.8	3.8	4.8	0.0077
	2.8	6	0.8	4.1	4.9	0.0070	1.0	4.3	5.4	0.0065
	3.6	10	1.0	5.3	6.4	0.0070	1.0	5.6	6.8	0.0065
	4.5	16					1.2	6.4	8.0	0.0050
	6.0	25					1.2	8.1	9.8	0.0050
	7.0	35					1.4	9.0	11.0	0.0043
	8.3	50					1.4	10.6	13.0	0.0043
	9.8	70					1.6	12.1	15.0	0.0035
	11.5	95					1.6	14.1	17.0	0.0035
	12.9	120					1.8	15.6	19.0	0.0032
	14.5	150					2.0	17.3	21.0	0.0032
	16.0	185					2.0	19.3	23.5	0.0032
18.3	240					2.2	22.0	26.5	0.0032	
20.5	300					2.4	24.5	29.5	0.0030	
23.5	400					2.6	27.5	33.5	0.0028	

The above data is for reference only.

Products can be customized according to customer needs.



Copper core PVC-insulated flexible cable (450/750V) model: RV

NO. OF COND.	DIA OF COND. mm	COND. SECTION mm ²	TWISTED CONDUCTOR			
			INSULATION THK mm	LOWER LIMIT OF OVERALL DIA mm	UPPER LIMIT OF OVERALL DIA mm	RESISRANCE AT 70°C Ω/km
Single	0.8	0.5	0.6	2.1	2.6	0.0130
	1.0	0.75	0.6	2.2	2.8	0.0120
	1.1	1	0.6	2.4	3.0	0.0100
	1.4	1.5	0.7	2.8	3.5	0.0100
	1.8	2.5	0.8	3.4	4.2	0.0090
	2.3	4	0.8	3.9	4.8	0.0070
	2.8	6	0.8	4.4	6.3	0.0060
	3.6	10	1.0	5.7	7.6	0.0056
	4.5	16	1.0	6.7	8.8	0.0046
	6.0	25	1.2	8.4	11.0	0.0044
	7.0	35	1.2	9.7	12.5	0.0038
	8.3	50	1.4	11.5	14.5	0.0037
	9.8	70	1.4	13.2	17.0	0.0032
	11.5	95	1.6	15.1	19.0	0.0032
	12.9	120	1.6	16.7	21.0	0.0029
	14.5	150	1.8	18.6	23.5	0.0029
16.0	185	2.0	20.6	26.0	0.0029	
18.3	240	2.0	23.5	29.5	0.0028	

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PVC-sheathed cable & PVC-sheathed flat cable (300/500V) model: BVV & BVVB

NO. OF COND.	DIA OF COND. mm	COND. SECTION mm ²	INSULATION THK mm	JACKET THK mm	SOLID CORE COND.			TWISTED COND.		
					LOWER LIMIT OF OVERALL DIA mm	UPPER LIMIT OF OVERALL DIA mm	RESISTANCE AT 70°C Ω/km	LOWER LIMIT OF OVERALL DIA mm	UPPER LIMIT OF OVERALL DIA mm	RESISTANCE AT 70°C Ω/km
2	1.4	1.5	0.7	1.2	7.6	10.0	0.0110	7.8	10.5	0.0100
	1.8	2.5	0.8	1.2	8.6	11.5	0.0100	9.0	12.0	0.0090
	2.3	4	0.8	1.2	9.6	12.5	0.0085	10.0	13.0	0.0077
	2.8	6	0.8	1.2	10.5	13.5	0.0070	11.0	14.0	0.0065
	3.6	10	1.0	1.4	13.0	16.5	0.0070	13.5	17.5	0.0065
	4.5	16	1.0	1.4				15.5	20.0	0.0052
	6.0	25	1.2	1.4				18.5	24.0	0.0050
	7.0	35	1.2	1.6				21.0	27.5	0.0044
3	1.4	1.5	0.7	1.2	8.0	10.5	0.0110	8.2	11.0	0.0100
	1.8	2.5	0.8	1.2	9.2	12.0	0.0100	9.4	12.5	0.0090
	2.3	4	0.8	1.2	10.0	13.0	0.0085	10.5	13.5	0.0077
	2.8	6	0.8	1.4	11.5	14.5	0.0070	12.0	15.5	0.0065
	3.6	10	1.0	1.4	14.0	17.5	0.0070	14.5	19.0	0.0065
	4.5	16	1.0	1.4				16.5	21.5	0.0052
	6.0	25	1.2	1.6				20.5	26.0	0.0050
	7.0	35	1.2	1.6				22.0	29.0	0.0044
4	1.4	1.5	0.7	1.2	8.6	11.5	0.0110	9.0	12.0	0.0100
	1.8	2.5	0.8	1.2	10.0	13.0	0.0100	10.0	13.5	0.0090
	2.3	4	0.8	1.4	11.5	14.5	0.0085	12.0	15.0	0.0077
	2.8	6	0.8	1.4	12.5	16.0	0.0070	13.0	17.0	0.0065
	3.6	10	1.0	1.4	15.5	19.0	0.0070	16.0	20.5	0.0065
	4.5	16	1.0	1.4				18.0	23.5	0.0052
	6.0	25	1.2	1.6				22.5	28.5	0.0050
	7.0	35	1.2	1.6				24.5	32.0	0.0044
5	1.4	1.5	0.7	1.2	9.4	12.0	0.0110	9.8	12.5	0.0100
	1.8	2.5	0.8	1.2	11.0	14.0	0.0100	11.0	14.5	0.0090
	2.3	4	0.8	1.4	12.5	16.0	0.0085	13.0	17.0	0.0077
	2.8	6	0.8	1.4	13.5	17.5	0.0070	14.5	18.5	0.0065

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PVC-sheathed flexible cables (300/300V) model: RVV

NO. OF COND.	DIA OF COND. mm	COND. SECTION mm ²	INSULATION THK mm	JACKET THK mm	TWISTED CONDUCTOR		
					LOWER LIMIT OF OVERALL DIA mm	UPPER LIMIT OF OVERALL DIA mm	RESISTANCE AT 70°C Ω/km
2	0.8	0.5	0.5	0.6	4.6 or 3.0×4.9	5.9 or 3.7×5.9	0.012
	1.0	0.75	0.5	0.6	4.9 or 3.2×5.2	6.3 or 3.8×6.3	0.010
	1.0	0.75	0.6	0.8	5.7 or 3.7×6.0	7.2 or 4.5×7.2	0.110
	1.1	1.0	0.6	0.8	5.9 or 3.9×6.2	7.5 or 4.7×7.5	0.010
	1.4	1.5	0.7	0.8	6.8	8.6	0.010
	1.8	2.5	0.8	1.0	8.4	10.6	0.090
3	0.8	0.5	0.5	0.6	4.9	6.3	0.012
	1.0	0.75	0.5	0.6	5.2	6.7	0.010
	1.0	0.75	0.6	0.8	6.0	7.6	0.110
	1.1	1.0	0.6	0.8	6.3	8.0	0.010
	1.4	1.5	0.7	0.9	7.4	9.4	0.010
	1.8	2.5	0.8	1.1	9.2	11.4	0.090
4	1.0	0.75	0.6	0.8	6.6	8.3	0.110
	1.1	1.0	0.6	0.9	7.1	9.0	0.010
	1.4	1.5	0.7	1.0	8.4	10.5	0.010
	1.8	2.5	0.8	1.1	10.1	12.5	0.090
5	1.0	0.75	0.6	0.9	7.4	9.3	0.110
	1.1	1.0	0.6	0.9	7.8	9.8	0.010
	1.4	1.5	0.7	1.1	9.3	11.6	0.010
	1.8	2.5	0.8	1.2	11.2	13.9	0.090

Unshielded flat cable (300/300V) model: RVB

NO. OF COND.	DIA OF COND. mm	COND. SECTION mm ²	INSULATION THK mm	LOWER LIMIT OF OVERALL DIA mm	UPPER LIMIT OF OVERALL DIA mm	RESISTANCE AT 70°C Ω/km
2	0.8	0.5	0.8	2.5×5.0	3.0×6.0	0.016
	1.0	0.75	0.8	2.7×5.4	3.2×6.4	0.014

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Products can be customized according to customer needs.