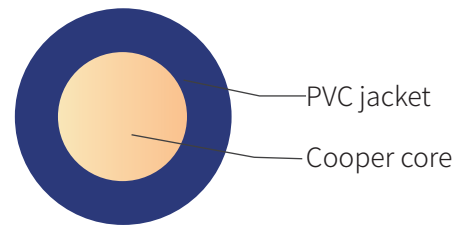


PVC Insulated Wire



Working temperature

BV-90 model not more than 90°C, others not more than 70°C, installation temperature not lower than 0°C.

Application

This product is fit for ac rated voltage 450/750N.

Model	Name
BV	Copper core PVC insulation power wire
BLV	Aluminium core PVC insulation power wire
BVR	Copper core PVC insulation flexible power wire
BVV	Copper core PVC insulationPVC sheath round insulation powerwire
BV-90	Copper core 90°C PVC insulation power wire
BVVB	Copper core PVC insulationPVC sheath parellelinsulation power wire
BLVVB	Aluminum core PVC insulationPVC sheath parellel insulation power wire

BV 300/500V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω /km)
		Min.	Max		
0.5	1/0.80	1.9	2.3	8.5	36
0.75 (A)	1/0.97	2.1	2.5	11.1	24.5
0.75 (B)	7/0.37	2.2	2.7	12	24.5
1.0 (A)	1/1.13	2.2	2.7	13.9	18.1
1.0 (B)	7/0.43	2.3	2.9	15	18.1

BV BLV 450/750V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight		Conductor resistance at 20°C (Ω /km)	
		Min.	Max	Cooper	Aluminium	Cooper	Aluminium
1.5 (A)	1/1.38	2.6	3.2	20.3	—	12.1	—
1.5 (B)	7/0.52	2.7	3.3	21.6	—	12.1	—
2.5 (A)	1/1.78	3.2	3.9	31.6	17	7.41	12.1
2.5 (B)	7/0.68	3.3	4	34.8	—	7.41	—
4 (A)	1/2.25	3.6	4.4	47.1	22	4.61	7.41
4 (B)	7/0.85	3.8	4.6	50.3	—	4.61	—
6 (A)	1/2.76	4.1	5	50.3	29	3.08	4.61
6 (B)	7/1.04	4.3	5.2	71.2	—	3.08	—
10	7/1.35	5.6	6.7	119	62	1.83	3.08
16	7/1.70	6.4	7.8	179	78	1.15	1.91
25	7/2.14	8.1	9.7	281	118	0.727	1.2
35	7/2.52	9	10.9	381	156	0.524	0.868
50	19/1.78	10.6	12.8	521	215	0.387	0.641
70	19/2.14	12.1	14.6	734	282	0.268	0.443
95	19/2.52	14.1	17.1	962	385	0.193	0.32
120	37/2.03	15.6	18.8	1180	431	0.153	0.253
150	37/2.25	17.3	20.9	1470	539	0.124	0.206
185	37/2.52	19.3	23.3	1810	666	0.0991	0.164
240	61/2.25	22	26.6	2350	857	0.0754	0.125
300	61/2.52	24.5	29.6	2930	1070	0.0601	0.1
400	61/2.85	27.5	33.2	3870	1390	0.047	0.0778

BVV 300/500V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω /km)
		Min.	Max		
0.75	1/0.97	3.6	4.4	23	24.5
1	1/1.13	3.7	4.5	26	18.1
1.5	1/1.38	4.2	5	34	12.1
	7/0.52	4.3	5.2	37	12.1
2.5	1/1.78	4.8	5.7	46	7.41
	7/0.68	4.8	5.9	52	7.41
4	1/2.25	5.4	6.5	66	4.61
	7/0.85	5.5	6.8	73	4.61
6	1/2.76	5.9	7.2	91	3.08
	7/1.04	6	7.5	98	3.08
10	1/3.56	7.3	8.8	152	1.83
2×1.5	1/1.38	7.6	10	117.4	12.1
	7/0.52	7.8	10.5	127.9	12.1
2×2.5	1/1.78	8.6	11.5	154.8	7.41
	7/0.68	9	12	171.2	7.41
2×4	1/2.25	9.6	12.5	189.8	4.61
	7/0.85	10	13	212.3	4.61
2×6	1/2.76	10.5	13.5	249.9	3.08
	7/1.04	11	14	274.2	3.08
2×10	1/3.56	13	16.5	398.5	1.83
	7/1.35	13.5	17.5	439.2	1.83
2×16	7/1.70	15.5	20	600.5	1.15
2×25	7/2.14	18.5	24	886.8	0.727
2×35	7/2.52	21	27.5	1185.2	0.524
3×1.5	1/1.38	8	10.5	146.2	12.1
	7/0.52	8.2	11	153.9	12.1
3×2.5	1/1.78	9.2	12	194.7	7.41
	7/0.68	9.4	12.5	215.9	7.41
3×4	1/2.25	10	13	252.4	4.61
	7/0.85	10.5	13.5	273.9	4.61
3×6	1/2.76	11.5	14.5	339.6	3.08
	7/1.04	12	15.5	367.6	3.08
3×10	1/3.56	14	17.5	512.6	1.83
	7/1.35	14.5	19	574.5	1.83

BVV 300/500V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω /km)
		Min.	Max		
3×16	7/1.70	16.5	21.5	824.5	1.15
3×25	7/2.14	20.5	26	1207	0.727
3×35	7/2.52	22	29	1597	0.524
4×1.5	1/1.38	8.6	11.5	175.5	12.1
4×2.5	7/0.52	9	12	190.7	12.1
	1/1.78	10	13	242	7.41
4×4	7/0.68	10	13.5	264.8	7.41
	1/2.25	11.5	14.5	332.5	4.61
4×6	7/0.85	12	15	360.8	4.61
	1/2.76	12.5	16	445.7	3.08
4×10	7/1.04	13	17	486.3	3.08
	1/3.56	15.5	19	665.5	1.83
4×16	7/1.35	16	20.5	734.5	1.83
	7/1.70	18	23.5	1055	1.15
4×25	7/2.14	22.5	28.5	1616	0.727
4×35	7/2.52	24.5	32	2076	0.524
5×1.5	1/1.38	9.4	12	202.2	12.1
	7/0.52	9.8	12.5	218.5	12.1
5×2.5	1/1.78	11	14	278	7.41
	7/0.68	11	14.5	306.9	7.41
5×4	1/2.25	12.5	16	400.5	4.61
	7/0.85	13	17	433.8	4.61
5×6	1/2.76	13.5	17.5	524.6	3.08
	7/1.04	14.5	18.5	566.3	3.08
5×10	1/3.56	17	21	776.8	1.83
	7/1.35	17.5	22	859.5	1.83
5×16	7/1.70	20.5	26	1275	1.15
5×25	7/2.14	24.5	31.5	1921	0.727
5×35	7/2.52	27	35	2531	0.524

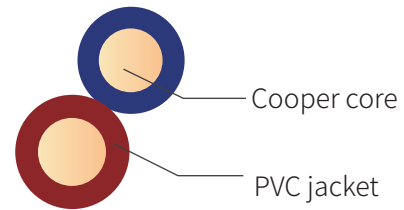
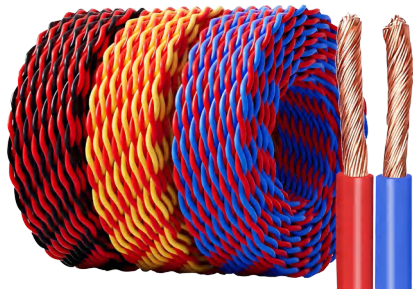
BVVB 300/500V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω/km)
		Min.	Max		
2×0.75	2×1/0.97	3.8×5.9	4.6×7.1	44	24.5
2×1.0	2×1/1.13	3.9×6.1	4.8×7.4	51	18.1
2×1.5	2×1/1.38	4.4×7.0	5.3×8.5	66	12.1
2×2.5	2×1/1.78	5.1×8.4	6.2×10.1	96	7.41
2×4	2×1/2.25	5.6×9.2	6.7×11.1	126	4.61
2×6	2×1/2.76	6.2×10.4	7.5×12.5	170	3.08
2×10	2×7/1.70	7.9×13.4	9.5×16.2	323	1.83
3×0.75	2×1/0.97	3.8×7.9	4.6×9.6	63	24.5
3×1.0	2×1/1.13	3.9×8.4	4.8×10.1	74	18.1
3×1.5	2×1/1.38	4.4×9.6	5.3×11.7	96	12.1
3×2.5	2×1/1.78	5.4×11.6	6.2×14	140	7.41
3×4	2×1/2.25	5.8×13.1	7.0×15.8	200	4.61
3×6	3×1/2.76	6.2×14.5	7.5×17.5	275	3.08
3×10	3×7/1.35	7.9×19.0	9.5×23	485	1.83

BVR 450/750V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.	Reference weight	Conductor resistance at 20°C (Ω/km)
2.5	19/0.41	4.2	34.7	7.41
4	19/0.52	4.8	51.4	4.61
6	19/0.64	5.6	736	3.08
10	49/0.52	7.6	129	1.83
16	49/0.64	8.8	186	1.91
25	98/0.58	11.0	306	1.20
35	133/0.58	12.5	403	0.868
50	133/0.68	14.5	553	0.641
70	189/0.68	16.5	764	0.443

PVC Insulated Flexible Wire



Working temperature

RV-90 model not more than 90°C, others not more than 70°C installation temperature not lower than 0°C .

Application

This product is fit for a rated voltage 450/750V and below of domestic electrical appliances, of smaller size motorized tools, of instrument, of various meters and motorized lightning installations.

Model	Name
RV	Copper core PVC insulation jointed flexible line
RVB	Aluminium core PVC insulation parallel jointed flexible line
RVS	Copper core PVC insulation twisted jointed flexible line
SVR	Copper core PVC insulation lightning installations jointed flexible line
RVV	Copper core PVC insulation PVC sheath round jointed flexible line
RVV-90	Copper core 90°C PVC insulation PVC sheath round jointed flexible line
RV-90	Copper core 90°C PVC insulation power line
RVVB	Copper core PVC insulation PVC sheath parallel jointed flexible line

RV 300/500V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω /km)
		Min.	Max		
0.5	16/0.2	2.1	2.5	9.1	26
0.75	24/0.2	2.2	2.7	12.2	19.5
1	32/0.2	2.4	2.8	15.1	13.3

RV 450/750V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω /km)
		Min.	Max		
1.5	30/0.25	2.8	3.4	21.5	13.3
2.5	49/0.25	3.4	4.1	24.5	7.98
4	56/0.30	3.9	4.8	51.8	4.05
6	84/0.30	4.4	5.3	74.7	3.3
10	84/0.40	5.7	6.8	124	1.91
16	134/0.40	6.7	8.1	188	1.21
25	210/0.40	8.4	10.2	295	0.78
35	294/0.40	9.7	11.7	400	0.554
50	420/0.40	11.5	13.9	547	0.386
70	356/0.50	13.2	16	771	0.272
95	484/0.50	15.1	18.2	1010	0.206
120	612/0.50	16.7	20.2	1239	0.161
150	765/0.50	18.6	22.5	1544	0.129
185	942/0.50	20.6	24.9	1900	0.105
240	1224/0.50	23.5	28.4	2478	0.0801

RVB 300/300V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω /km)
		Min.	Max		
0.5	16/0.2	2.5×5.0	3.0×6.0	11	39
0.75	24/0.2	2.7×5.4	3.2×6.4	14.4	26

RVS 300/300V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.	Reference weight	Conductor resistance at 20°C (Ω /km)
2×0.5	28/0.15	6	28.8	39
2×0.75	43/0.15	6.2	35.4	26

SVR 300/300V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω /km)
		Min.	Max		
0.5	16/0.2	2.3	2.7	9.1	39
0.75	24/0.2	2.4	2.9	12.2	26

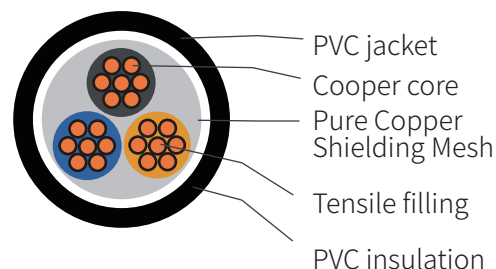
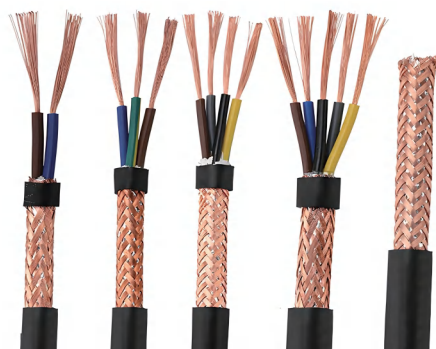
RVV RVV-90 300/300V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω /km)
		Min.	Max		
2×0.5	16/0.2	4.6或 3.0×4.9	5.9或 3.7×5.9	31.5	39.0
2×0.75	24/0.2	4.9或 3.2×5.2	6.3或 3.9×6.4	40.0	26.0
3×0.5	16/0.2	4.9	6.3	40.6	39.0
3×0.75	24/0.2	5.2	6.7	51.8	26.0

RVV RVV-90 300/500V

Nominal section (mm)	Number/diameter of core (mm)	Average dia.		Reference weight	Conductor resistance at 20°C (Ω /km)
		Min.	Max		
2×0.75	24/0.2	5.7或 3.7×6.0	7.2或 5.2×7.6	50	26
2×1	32/0.2	5.9	7.5	57.8	19.5
2×1.5	30/0.25	6.8	8.6	74.7	13.3
2×2.5	49/0.25	8.4	10.6	120	7.98
3×0.75	24/0.2	6	7.6	63.1	26
3×1	32/0.2	6.3	8	74	19.5
3×1.5	30/0.25	7.4	9.4	102	13.3
3×2.5	49/0.25	9.2	11.4	162	7.98
4×0.75	24/0.2	6.6	8.3	78.5	26
4×1	32/0.2	7.1	9	97.5	19.5
4×1.5	30/0.25	8.4	10.5	133	13.3
4×2.5	49/0.25	10.1	12.5	204	7.98
5×0.75	24/0.2	7.4	9.3	96.9	26
5×1	32/0.2	7.8	9.8	115	19.5
5×1.5	30/0.25	9.3	11.6	158	13.3
5×2.5	49/0.25	11.2	13.9	249	7.98

PVC Insulation Shielded Wire



Product Description

Conductor material: oxygen-free copper (OFC)
Conductor type: solid color
Insulation material: PVC material
High and low temperature resistance: -15°C ~ +70°C

Application

This product is fit for electric appliances, instruments and meters, electro-equipments and automatic installations with AC rated voltage 300/300V and below. The product standard we adopt is the same as International Electric Commission IEC 277 (1979).

Model	Name
AVP	Copper PVC insulation shielded wire
AVP-105	Copper Heat-resistant 150°C PVC insulation shielded wire
RVP	Copper PVC insulation shielded flexible wire
RVP-105	Copper Heat-resistant 150°C PVC insulation shielded flexible wire
RVVP	Copper PVC insulation shielded PVC sheath flexible wire
RVVP1	Copper PVC insulation entangled shielded PVC sheath flexible wire

AVP、AVP-105:300/300v

Nominal section (mm)	Number/diameter of core (mm)	Average dia.	Reference weight	Conductor resistance at 20°C (Ω /km)
0.2	1/0.50	2	7.3	92.3
0.3	1/0.60	2.1	8.8	64.1
0.4	1/0.70	2.2	10	47.1

RVP、RVP-10:300/300v

Nominal section (mm)	Number/diameter of core (mm)	Average dia.	Reference weight	Conductor resistance at 20°C (Ω /km)
0.20	12/0.15	2.1	8.3	92.3
0.30	16/0.15	2.4	10.5	69.2
0.40	23/0.15	2.8	15.9	48.2
0.50	16/0.20	2.9	16.8	39.0
0.75	24/0.20	3.1	20.9	26.0
1.0	32/0.20	3.5	26.5	19.5
1.5	30/0.25	3.9	32.4	13.3
2.5	49/0.25	4.5	48.2	7.98

RVVP、RVVP105:300/300v 二芯椭圆形

Nominal section (mm)	Number/diameter of core (mm)	Average dia.	Reference weight	Conductor resistance at 20°C (Ω /km)
2×0.20	2×12/0.1	2.4×4.0	14.7	92.3
2×0.30	2×16/0.1	2.7×4.8	19.7	69.2
2×0.40	2×23/0.1	3.1×5.2	28.1	48.2
2×0.50	2×16/0.2	3.2×5.4	29.9	39
2×0.75	2×24/0.2	3.5×5.8	37.5	26
2×1.0	2×32/0.2	3.8×6.6	48.6	19.5
2×1.5	2×30/0.2	4.2×7.2	59.9	13.3

RVVP、RVVP1:300/300v 二~十二芯

Nominal section (mm)	Number/diameter of core (mm)	Average dia.	Reference weight	Conductor resistance at 20°C (Ω /km)
2×0.20	2×12/0.15	5.4	33.2	92.3
2×0.30	2×16/0.15	6.2	49.3	69.2
2×0.40	2×23/0.15	6.6	57	48.2
2×0.50	2×16/0.20	6.8	59.2	39
2×0.75	2×24/0.20	7.2	70.7	26
2×1.0	2×32/0.20	8	86.7	19.5
2×1.5	2×30/0.25	9	110.4	13.3
3×0.20	3×12/0.15	6	38.6	92.3

RVVP、RVVP1:300/300v 二~十二芯

Nominal section (mm)	Number/diameter of core (mm)	Average dia.	Reference weight	Conductor resistance at 20°C (Ω /km)
3×0.30	3×16/0.15	6.6	48.6	69.2
3×0.40	3×23/0.15	6.8	56.7	48.2
3×0.50	3×16/0.20	7	60.7	39
3×0.75	3×24/0.20	7.6	73.6	26
3×1.0	3×32/0.20	8.8	100	19.5
3×1.5	3×30/0.25	9.8	131	13.3
4×0.20	4×12/0.15	6.2	45.9	92.3
4×0.30	4×16/0.15	7	57.5	69.2
4×0.40	4×23/0.15	7.4	67.9	48.2
5×0.20	5×12/0.15	6.6	52.7	92.3
5×0.30	5×16/0.15	7.6	66.6	69.2
5×0.40	5×23/0.15	8	78.8	48.2
6×0.20	6×12/0.15	7.2	59.6	92.3
6×0.30	6×16/0.15	8	76.6	69.2
6×0.40	6×23/0.15	9	98.3	48.2
7×0.20	7×12/0.15	7.2	64.2	92.3
7×0.30	7×16/0.15	8	82.3	69.2
7×0.40	7×23/0.15	9	106	48.2
10×0.20	10×12/0.15	9	94.3	92.3
10×0.30	10×16/0.15	10.5	132	69.2
10×0.40	10×23/0.15	11.5	157	48.2
12×0.20	12×12/0.15	9.2	105	92.3
12×0.30	12×16/0.15	11	147	69.2
12×0.40	12×23/0.15	11.8	175	48.2