



KKV ZR-KVV 450V/750V Control Cable

NAME:

KVV:

Copper conductor PVC insulated
and sheathed control cable

ZR-KVV:

Copper conductor PVC insulated and
sheathed flame retardant control cable

CABLE STRUCTURE:

KVV:

Multi-cores of solid conductor,
PVC Insulated and PVC Sheathed

ZR-KVV:

Multi-cores of solid conductor, Insulated
and sheathed by fire resistant PVC

APPLICATION:

KVV:

Wiring environment apply to indoors job, in
trenches and in ducts, etc. suitable for wiring
of control, signal, protection and measurement
systems with rated voltages of 450/750V and
below or 0.6/1kV and below. Laid in indoor,
cable trenches, pipes, and other fixed occasions.

ZR-KVV:

Wiring environment apply to indoors job, in
trenches and in ducts, etc. all of them ask for
flame retardance, suitable for wiring of control,
signal, protection and measurement systems with
rated voltages of 450/750V and below or 0.6/1kV
and below. Laid in indoor, cable trenches, pipes,
and other fixed occasions.

STANDARDS:

KVV:

International:

IEC 60502, BS 5308

China:

GB/T 9330-2008

Other standards

such as IEC, BS, DIN and ICEA upon request

ZR-KVV:

International:

IEC 60502, BS 5308

China:

GB/T 9330-2008

Other standards

such as IEC, BS, DIN and ICEA upon request

CERTIFICATES:

We hold SAA, CE, TUV and CCC certifications for
our product categories. Additionally, we possess
other authoritative certifications recognized in
various countries and regions. For further details
on our certification portfolio, please do not
hesitate to contact us.





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Specifications

Cross × Nom cross-sectional area mm ²	Nom thickness of insulation mm	Nom thickness of sheath mm	Pitch diameter		Min resistance of insulation at 70°C MΩ/km	Max.D.C resistance of at 20°C MΩ/km	Approx weight (kg/km)
			min	max			
2 × 0.75	0.6	1.2	6.7	8.1	0.012	24.5	59
2 × 1.0	0.6	1.2	7	8.5	0.011	18.1	67
2 × 1.5	0.7	1.2	7.9	9.5	0.011	12.1	86
2 × 2.5	0.8	1.2	9	10.9	0.01	7.41	120
2 × 4	0.8	1.2	9.9	11.9	0.0085	4.61	167
2 × 6	0.8	1.2	10.8	13.1	0.007	3.08	220
3 × 0.75	0.6	1.2	7.1	8.5	0.012	24.5	71
3 × 1.0	0.6	1.2	7.4	8.9	0.011	18.1	82
3 × 1.5	0.7	1.2	8.3	10	0.011	12.1	108
3 × 2.5	0.8	1.2	9.5	11.5	0.01	7.41	154
3 × 4	0.8	1.2	10.5	12.4	0.0085	4.61	210
3 × 6	0.8	1.5	11.5	13.9	0.007	3.08	310
4 × 0.75	0.6	1.2	7.6	9.2	0.012	24.5	846
4 × 1.0	0.6	1.2	7.9	9.6	0.011	18.1	100
4 × 1.5	0.7	1.2	9	10.9	0.011	12.1	132
4 × 2.5	0.8	1.2	10.4	12.5	0.01	7.41	193
4 × 4	0.8	1.5	11.4	13.8	0.0085	4.61	315
4 × 6	0.8	1.5	13.2	15.9	0.007	3.08	413
5 × 0.75	0.6	1.2	8.2	9.9	0.012	24.5	99
5 × 1.0	0.6	1.2	8.6	10.3	0.011	18.1	116
5 × 1.5	0.7	1.2	9.7	11.7	0.011	12.1	154
5 × 2.5	0.8	1.5	11.3	13.6	0.01	7.41	243
5 × 4	0.8	1.5	13	15.7	0.0085	4.61	383
5 × 6	0.8	1.5	14.3	17.3	0.007	3.08	505
7 × 0.75	0.6	1.2	8.8	10.6	0.012	24.5	123
7 × 1.0	0.6	1.2	9.2	11.1	0.011	18.1	146
7 × 1.5	0.7	1.2	10.5	12.7	0.011	12.1	196
7 × 2.5	0.8	1.5	12.8	15.5	0.01	7.41	211
7 × 4	0.8	1.5	14.1	17.1	0.0085	4.61	473
7 × 6	0.8	1.5	15.6	18.8	0.007	3.08	652



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mm ²	mm	mm	min	max	MΩ/km	MΩ/km	(kg/km)
8 × 0.75	0.6	1.2	9.7	11.7	0.012	24.5	142
8 × 1.0	0.6	1.2	10.2	12.3	0.011	18.1	1168
8 × 1.5	0.7	1.5	11.7	14.1	0.011	12.1	243
8 × 2.5	0.8	1.5	14.3	17.2	0.01	7.41	360
8 × 4	0.8	1.5	15.8	19	0.0085	4.61	545
8 × 6	0.8	1.7	17.4	21	0.007	3.08	748
10 × 0.75	0.6	1.2	10.8	13.1	0.012	24.5	187
10 × 1.0	0.6	1.5	11.4	13.8	0.011	18.1	221
10 × 1.5	0.7	1.5	13.7	16.6	0.011	12.1	296
10 × 2.5	0.8	1.5	16	19.4	0.01	7.41	440
10 × 4	0.8	1.7	17.8	21.5	0.0085	4.61	721
10 × 6	0.8	1.7	20.1	24.2	0.007	3.08	956
12 × 0.75	0.6	1.5	11.2	13.5	0.012	24.5	211
12 × 1.0	0.6	1.5	11.8	14.2	0.011	18.1	250
12 × 1.5	0.7	1.5	14.2	17.1	0.011	12.1	338
12 × 2.5	0.8	1.5	16.5	20	0.01	7.41	507
12 × 4	0.8	1.7	18.7	22.6	0.0085	4.61	825
12 × 6	0.8	1.7	20.7	25	0.007	3.08	1026
14 × 0.75	0.6	1.5	11.7	14.1	0.012	24.5	238
14 × 1.0	0.6	1.5	12.9	15.6	0.011	18.1	328
14 × 1.5	0.7	1.5	14.8	17.9	0.011	12.1	384
14 × 2.5	0.8	1.5	17.4	21	0.01	7.41	579
14 × 4	0.8	1.7	19.6	23.7	0.0085	4.61	959
14 × 6	0.8	1.7	21.8	26.3	0.007	3.08	1246
16 × 0.75	0.6	1.5	12.9	15.5	0.012	24.5	2268
16 × 1.0	0.6	1.5	13.5	16.4	0.011	18.1	315
16 × 1.5	0.7	1.5	15.6	18.8	0.011	12.1	427
16 × 2.5	0.8	1.7	18.3	22.1	0.01	7.41	664
19 × 0.75	0.6	1.5	13.5	16.3	0.012	24.5	299
19 × 1.0	0.6	1.5	14.2	17.2	0.011	18.1	359



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mm ²	mm	mm	min	max	MΩ/km	MΩ/km	(kg/km)
19 × 1.5	0.7	1.5	16.4	19.8	0.011	12.1	490
19 × 2.5	0.8	1.7	19.6	23.7	0.01	7.41	765
24 × 0.75	0.6	1.5	15.6	18.8	0.012	24.5	373
24 × 1.0	0.6	1.5	16.4	19.8	0.011	18.1	447
24 × 1.5	0.7	1.7	19.4	23.4	0.011	12.1	632
24 × 2.5	0.8	1.7	22.8	27.6	0.01	7.41	961
27 × 0.75	0.6	1.5	15.9	19.2	0.012	24.5	407
27 × 1.0	0.6	1.5	16.7	20.2	0.011	18.1	491
27 × 1.5	0.7	1.7	19.8	23.9	0.011	12.1	674
27 × 2.5	0.8	1.7	23.3	28.2	0.01	7.41	1061
30 × 0.75	0.6	1.5	16.4	19.8	0.012	24.5	445
30 × 1.0	0.6	1.7	17.5	20.5	0.011	18.1	554
30 × 1.5	0.7	1.7	20	23	0.011	12.1	761
30 × 2.5	0.8	1.7	24	27	0.01	7.41	1167
37 × 0.75	0.6	1.7	17.5	20.5	0.012	24.5	544
37 × 1.0	0.6	1.7	19	23	0.011	18.1	658
37 × 1.5	0.7	1.7	22	26.6	0.011	12.1	908
37 × 2.5	0.8	1.7	26	31.5	0.01	7.41	1401
44 × 0.75	0.6	1.7	20.1	24.2	0.012	24.5	642
44 × 1.0	0.6	1.7	21.2	25.6	0.011	18.1	777
44 × 1.5	0.7	1.7	24.7	29.8	0.011	12.1	1074
44 × 2.5	0.8	2	29.9	36.1	0.01	7.41	1702
52 × 0.75	0.6	1.7	20.9	25.3	0.012	24.5	737
52 × 1.0	0.6	1.7	22.1	26.7	0.011	18.1	896
52 × 1.5	0.7	1.7	25.8	31.1	0.011	12.1	1243
52 × 2.5	0.8	2	31.2	37.2	0.01	7.41	1973
61 × 0.75	0.6	1.7	21.9	26.5	0.012	24.5	843
61 × 1.0	0.6	1.7	23.2	28	0.011	18.1	1027
61 × 1.5	0.7	2	27	32.7	0.011	12.1	1468
61 × 2.5	0.8	2.2	33.1	40	0.01	7.41	2306