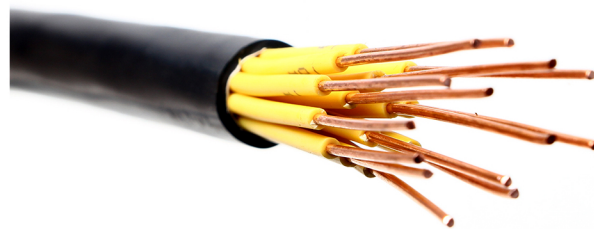


Type KVV 450/750V

Copper conductor PVC insulated and sheathed control cable



KVV

Name

Copper conductor PVC insulated and sheathed control cable

Cable Structure

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

Application

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.

Standards

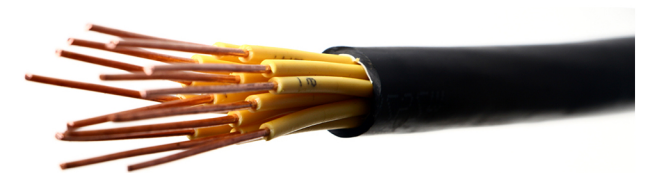
International: IEC 60502, BS 5308

China: GB/T 9330-2008

Other standards such as IEC, BS, DIN and ICEA upon request

Type ZR-KVV 450/750V

Copper conductor PVC insulated and sheathed control cable



ZR-KVV

Name

Copper conductor PVC insulated and sheathed flame retardant control cable

Cable Structure

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

Application

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

International: IEC 60502, BS 5308

China: GB/T 9330-2008

Other standards such as IEC, BS, DIN and ICEA upon request

Specifications

Cross×Nom cross-sectional area	Nom thickness of insulation	Nom thickness of sheath	Pitch diameter		Min resistance of insulation at 70℃	Max.D.C resistance of at 20℃	Approx weight
			min	max			
mm ²	mm	mm			MΩ/km	MΩ/km	(kg/km)
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

PVC INSULATED AND SHEATH CONTROL CABLE

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Specifications

Cross×Nom cross-sectional area	Nom thickness of insulation	Nom thickness of sheath	Pitch diameter		Min resistance of insulation at 70℃	Max.D.C resistance of at 20℃	Approx weight
			min	max			
mm ²	mm	mm			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
8x6	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	226	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

Cross×Nom cross-sectional area	Nom thickness of insulation	Nom thickness of sheath	Pitch diameter		Min resistance of insulation at 70℃	Max.D.C resistance of at 20℃	Approx weight
			min	max			
mm ²	mm	mm			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	6,58
37×1.5	0.7	1.7	22	26.6	0.011	12.1	908
37×2.5	0.8	1.7	26.1	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	37.7	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

Type KVVP2 450/750V Copper conductor PVC insulated
and sheathed control cable with copper tape screen

KVVP2,ZR-KVVP2



- Name

KVVP2: Copper conductor PVC insulated and sheathed control cable with copper tape shield
ZR-KVVP2: Copper conductor PVC insulated and sheathed flame retardant control cable with copper screen

Application

Wiring environment apply to indoors job, in trenches and in ducts, etc. for wherever when electrical interference free transmission is needed, if it go ZR-KVVP2, flame retardance shall be necessary.

- Standards

International: IEC 60502, BS 5308
China: GB/T 9330-2020
Other standards such as IEC, BS, DIN and ICEA upon request

Type KVVP3 450/750V Copper conductor PVC insulated
and sheathed control cable with Aluminum-plastic composite belt



KVVP3

Name

KVVP3: Copper conductor PVC insulated and sheathed control cable with Aluminum-plastic composite belt

Application

Wiring environment apply to indoors job, in trenches and in ducts, etc. Suitable for system connection wire of control,signal,protection or measuring for rated voltage up to and including 450/750V.

Standards

International:IEC 60502

China: GB/T 9330-2008

Other standards such as IEC, BS, DIN and ICEA upon request

Specifications

Cross×Nom cross- sectional area	Nom thickness of insulation	Nom thickness of CU/AL- Plastic tape	Nom thickness of sheath	Pitch diameter		Min resistance of insulation at	Max.D.C resistance of at 20°C	Approx weight
				min	max			
mm ²	mm	mm	mm			MΩ/km	MΩ/km	(kg/km)
4×0.75	0.6	0.05-0.10	1.2	8.1	9.7	0.012	24.5	144
4×1.0	0.6	0.05-0.10	1.2	8.4	10.2	0.011	18.1	153
4×1.5	0.7	0.05-0.10	1.2	9.5	11.4	0.011	12.1	190
4×2.5	0.8	0.05-0.10	1.5	10.9	13.1	0.01	7.41	276
4×4	0.8	0.05-0.10	1.5	12.5	15.1	0.0085	4.61	367
4×6	0.8	0.05-0.10	1.5	13.6	16.5	0.007	3.08	467
4×10	1	0.05-0.10	1.7	17.1	20.7	0.0065	1.83	728
5×0.75	0.6	0.05-0.10	1.2	8.6	10.4	0.012	24.5	153
5×1.0	0.6	0.05-0.10	1.2	9	10.9	0.011	18.1	173
5×1.5	0.7	0.05-0.10	1.5	10.2	12.3	0.011	12.1	226
5×2.5	0.8	0.05-0.10	1.5	11.8	14.2	0.01	7.41	325
5×4	0.8	0.05-0.10	1.5	13.5	16.3	0.0085	4.61	437
5×6	0.8	0.05-0.10	1.5	14.8	17.9	0.007	3.08	576
5×10	1	0.05-0.10	1.7	19.1	23	0.0065	1.83	924
7×0.75	0.6	0.05-0.10	1.2	9.3	11.2	0.012	24.5	178
7×1.0	0.6	0.05-0.10	1.2	9.7	11.7	0.011	18.1	209
7×1.5	0.7	0.05-0.10	1.5	11	13.3	0.011	12.1	239
7×2.5	0.8	0.05-0.10	1.5	13.3	16.1	0.01	7.41	398
7×4	0.8	0.05-0.10	1.5	14.6	17.6	0.0085	4.61	528
7×6	0.8	0.05-0.10	1.5	16	19.4	0.007	3.08	717
7×10	1	0.05-0.10	1.7	20.7	25.1	0.0065	1.83	1145
8×0.75	0.6	0.05-0.10	1.5	10.2	12.3	0.012	24.5	206
8×1.0	0.6	0.05-0.10	1.5	10.7	12.9	0.011	18.1	230
8×1.5	0.7	0.05-0.10	1.5	12.8	15.4	0.011	12.1	312
8×2.5	0.8	0.05-0.10	1.5	14.7	17.8	0.01	7.41	486
8×4	0.8	0.05-0.10	1.7	16.2	19.6	0.0085	4.61	589
8×6	0.8	0.05-0.10	1.7	17.9	21.6	0.007	3.08	790
8×10	1	0.05-0.10	1.7	23.2	28.1	0.0065	1.83	1236
10×0.75	0.6	0.05-0.10	1.5	11.3	13.7	0.012	24.5	214
10×1.0	0.6	0.05-0.10	1.5	12.5	15.1	0.011	18.1	300

Specifications

Cross×Nom cross- sectional area	Nom thickness of insulation	Nom thickness of CU/AL- Plastic tape	Nom thickness of sheath	Pitch diameter		Min resistance of insulation at	Max.D.C resistance of at 20℃	Approx weight
				min	max			
mm ²	mm	mm	mm	min	max	MΩ/km	MΩ/km	(kg/km)
10×1.5	0.7	0.05-0.10	1.5	14.2	17.2	0.011	12.1	367
10×2.5	0.8	0.05-0.10	1.7	16.5	20	0.01	7.41	572
10×4	0.8	0.05-0.10	1.7	18.6	22.5	0.0085	4.61	787
10×6	0.8	0.05-0.10	1.7	20.5	24.8	0.007	3.08	992
10×10	1	0.05-0.10	1.7	26.3	31.8	0.0065	1.83	1590
12×0.75	0.6	0.05-0.10	1.5	11.7	14.1	0.012	24.5	280
12×1.0	0.6	0.05-0.10	1.5	12.8	15.5	0.011	18.1	315
12×1.5	7	0.05-0.10	1.5	14.6	17.7	0.011	12.1	423
12×2.5	0.8	0.05-0.10	1.7	17	20.6	0.01	7.41	654
12×4	0.8	0.05-0.10	1.7	19.2	23.2	0.0085	4.61	887
12×6	0.8	0.05-0.10	1.7	21.2	25.6	0.007	3.08	1198
14×0.75	0.6	0.05-0.10	1.5	12.2	14.7	0.012	24.5	312
14×1.0	0.6	0.05-0.10	1.5	13.4	16.2	0.011	18.1	398
14×1.5	0.7	0.05-0.10	1.5	15.3	18.5	0.011	12.1	492
14×2.5	0.8	0.05-0.10	1.7	17.8	21.5	0.01	7.41	721
14×4	0.8	0.05-0.10	1.7	20.1	24.3	0.0085	4.61	973
14×6	0.8	0.05-0.10	1.7	22.2	26.9	0.007	3.08	1203
16×0.75	0.6	0.05-0.10	1.5	13.3	16.1	0.012	24.5	340
16×1.0	0.6	0.05-0.10	1.5	14	16.9	0.011	18.1	389
16×1.5	0.7	0.05-0.10	1.5	16.1	19.4	0.011	12.1	489
16×2.5	0.8	0.05-0.10	1.7	19.1	23.1	0.01	7.41	789
19×0.75	0.6	0.05-0.10	1.5	14	16.9	0.012	24.5	386
19×1.0	0.6	0.05-0.10	1.5	14.7	17.7	0.011	18.1	413
19×1.5	0.7	0.05-0.10	1.7	16.8	20.4	0.011	12.1	612
19×2.5	0.8	0.05-0.10	1.7	20.1	24.3	0.01	7.41	986
24×0.75	0.6	0.05-0.10	1.5	16	19.4	0.012	24.5	476
24×1.0	0.6	0.05-0.10	1.7	16.9	20.4	0.011	18.1	580
24×1.5	0.7	0.05-0.10	1.7	19.9	24	0.011	12.1	792
24×2.5	0.8	0.05-0.10	1.7	23.3	28.2	0.01	7.41	1179
27×0.75	0.6	0.05-0.10	1.7	16.3	19.1	0.012	24.5	503

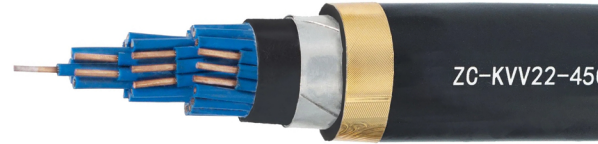
Specifications

Cross×Nom cross-sectional area	Nom thickness of insulation	Nom thickness of CU/AL- Plastic tape	Nom thickness of sheath	Pitch diameter		Min resistance of insulation at 70℃	Max.D.C resistance of at 20℃	Approx weight
				min	max			
mm ²	mm	mm	mm	min	max	MΩ/km	MΩ/km	(kg/km)
27×1.0	0.6	0.05-0.10	1.7	17.2	20.8	0.011	18.1	612
27×1.5	0.7	0.05-0.10	1.7	20.3	24.5	0.011	12.1	886
27×2.5	0.8	0.05-0.10	1.7	23.8	28.8	0.01	7.41	1286
30×0.75	0.6	0.05-0.10	1.7	16.9	20.4	0.012	24.5	600
30×1.0	0.6	0.05-0.10	1.7	17.8	21.5	0.011	18.1	725
30×1.5	0.7	0.05-0.10	1.7	21	25.3	0.011	12.1	891
30× 2.5	0.8	0.05-0.10	1.7	24.6	28.8	0.01	7.41	1384
37×0.75	0.6	0.05-0.10	1.7	18.1	21.9	0.012	24.5	688
37×1.0	0.6	0.05-0.10	1.7	19.5	23.5	0.011	18.1	887
37×1.5	0.7	0.05-0.10	1.7	22.5	27.2	0.011	12.1	1105
37×2.5	0.8	0.05-0.10	2	26.5	32.1	0.01	7.41	1681
44×0.75	0.6	0.05-0.10	1.7	20.5	24.8	0.012	24.5	809
44×1.0	0.6	0.05-0.10	1.7	21.7	26.2	0.011	18.1	987
44×1.5	0.7	0.05-0.10	1.7	25.2	30.4	0.011	12.1	1315
44×2.5	0.8	0.05-0.10	2	30.3	36.7	0.01	7.41	2018
48×0.75	0.6	0.05-0.10	1.7	20.9	25.2	0.012	24.5	910
48×1.0	0.6	0.05-0.10	1.7	22	26.6	0.011	18.1	1028
48×1.5	0.7	0.05-0.10	1.7	25.5	30.9	0.011	12.1	1307
48×2.5	0.8	0.05-0.10	2	30.8	37.2	0.01	7.41	2097
52×0.75	0.6	0.05-0.10	1.7	21.4	25.8	0.012	24.5	935
52×1.0	0.6	0.05-0.10	1.7	22.6	27.3	0.011	18.1	1113
52×1.5	0.7	0.05-0.10	2	26.2	31.7	0.011	12.1	1493
52×2.5	0.8	0.05-0.10	2.2	31.7	38.2	0.01	7.41	2298
61×0.75	0.6	0.05-0.10	1.7	22.6	27.3	0.012	24.5	1025
61×1.0	0.6	0.05-0.10	1.7	23.9	28.9	0.011	18.1	1250
61×1.5	0.7	0.05-0.10	2	28.4	34.3	0.011	12.1	1745
61×2.5	0.8	0.05-0.10	2.2	33.9	41	0.01	7.41	2599

Type KVV22,ZR-KVV22 450/750V Copper conductor PVC

insulated and sheathed control cable with steel tape amour

KVV22



Name

KVV22: Copper conductor PVC insulated and sheathed control cable with steel tape armour

Application

Wiring environment apply to indoors job, in trenches, in ducts and in ground, etc. able to withstand mechanical force on heavy level.

Standards

International:IEC 60227

China: GB/T 9330-2008

Other standards such as IEC, BS, DIN and ICEA upon request

Specifications

Cross×Nom cross-sectional area	Nom thickness of insulation	Nom thickness of CU/AL- Plastic tape	Nom thickness of sheath	Pitch diameter		Min resistance of insulation at 70°C	Max.D.C resistance of at 20°C	Approx weight
				min	max			
mm ²	mm	mm	mm			MΩ/km	MΩ/km	(kg/km)
4×2.5	0.8	2×0.2(0.3)	1.5	13.4	16.1	0.01	7.41	
4×4	0.8	2×0.2(0.3)	1.5	14.4	17.4	0.0085	4.61	505
4×6	0.8	2×0.2(0.3)	1.5	15.6	18.8	0.007	3.08	619
4×10	1	2×0.2(0.3)	1.7	19.4	23.5	0.0065	1.83	947
5×2.5	0.8	2×0.2(0.3)	1.5	14.3	17.2	0.01	7.41	
5×4	0.8	2×0.2(0.3)	1.5	15.4	18.6	0.0085	4.61	586
5×6	0.8	2×0.2(0.3)	1.7	16.7	20.2	0.007	3.08	737
5×10	1	2×0.2(0.3)	1.7	21	25.4	0.0065	1.83	1125
7×0.75	0.6	2×0.2(0.3)	1.5	11.8	14.2	0.012	24.5	317
7×1.0	0.6	2×0.2(0.3)	1.5	12.2	14.7	0.011	18.1	354
7×1.5	0.7	2×0.2(0.3)	1.5	13.5	16.3	0.011	12.1	425
7×2.5	0.8	2×0.2(0.3)	1.5	15.2	18.4	0.01	7.41	554
7×4	0.8	2×0.2(0.3)	1.5	16.5	20	0.0085	4.61	701
7×6	0.8	2×0.2(0.3)	1.7	18	21.7	0.007	3.08	900
7×10	1	2×0.2(0.3)	1.7	22.7	27.4	0.0065	1.83	1397
8×0.75	0.6	2×0.2(0.3)	1.5	12.5	15.3	0.012	24.5	344
8×1.0	0.6	2×0.2(0.3)	1.5	13.2	15.9	0.011	18.1	378
8×1.5	0.7	2×0.2(0.3)	1.5	14.7	17.7	0.011	12.1	467
8×2.5	0.8	2×0.2(0.3)	1.5	16.7	20.1	0.01	7.41	614
8×4	0.8	2×0.2(0.3)	1.7	18.2	21.9	0.0085	4.61	789
8×6	0.8	2×0.2(0.3)	1.7	20.2	24.4	0.007	3.08	989
8×10	1	2×0.2(0.3)	1.7	25.2	30.4	0.0065	1.83	1540
10×0.75	0.6	2×0.2(0.3)	1.5	13.8	16.7	0.012	24.5	449
10×1.0	0.6	2×0.2(0.3)	1.5	14.4	17.4	0.011	18.1	558
10×1.5	0.7	2×0.2(0.3)	1.5	16.1	19.5	0.011	12.1	753
10×2.5	0.8	2×0.2(0.3)	1.7	18.8	22.7	0.01	7.41	956
10×4	0.8	2×0.2(0.3)	1.7	20.5	24.8	0.0085	4.61	1203
10×6	0.8	2×0.2(0.3)	1.7	22.5	27.1	0.007	3.08	
10×10	1	2×0.2(0.3)	2	29.2	35.3	0.0065	1.83	
12×0.75	0.6	2×0.2(0.3)	1.5	14.1	17.1	0.012	24.5	

Specifications

Cross×Nom cross-sectional area	Nom thickness of insulation	Nom thickness of CU/AL- Plastic tape	Nom thickness of sheath	Pitch diameter		Min resistance of insulation at 70°C	Max.D.C resistance of at 20°C	Approx weight
				min	max			
mm ²	mm	mm	mm			MΩ/km	MΩ/km	(kg/km)
12×1.0	0.6	2×0.2(0.3)	1.5	14.8	17.8	0.011	18.1	
12×1.5	0.7	2×0.2(0.3)	1.5	16.6	20	0.011	12.1	485
12×2.5	0.8	2×0.2(0.3)	1.7	19.3	23.4	0.01	7.41	609
12×4	0.8	2×0.2(0.3)	1.7	21.1	25.5	0.0085	4.61	829
12×6	0.8	2×0.2(0.3)	1.7	23.1	27.9	0.007	3.08	1061
14×0.75	0.6	2×0.2(0.3)	1.5	14.7	17.7	0.012	24.5	412
14×1.0	0.6	2×0.2(0.3)	1.5	15.3	18.5	0.011	18.1	530
14×1.5	0.7	2×0.2(0.3)	1.7	17.2	20.8	0.011	12.1	684
14×2.5	0.8	2×0.2(0.3)	1.7	20.1	24.3	0.01	7.41	913
14×4	0.8	2×0.2(0.3)	1.7	22	26.6	0.0085	4.61	1171
14×6	0.8	2×0.2(0.3)	1.7	24.2	29.2	0.007	3.08	1508
16×0.75	0.6	2×0.2(0.3)	1.5	15.3	18.5	0.012	24.5	576
16×1.0	0.6	2×0.2(0.3)	1.5	16	19.3	0.011	18.1	745
16×1.5	0.7	2×0.2(0.3)	1.7	18	21.7	0.011	12.1	1005
16×2.5	0.8	2×0.2(0.3)	1.7	21.1	25.5	0.01	7.41	1350
19×0.75	0.6	2×0.2(0.3)	1.5	15.9	19.2	0.012	24.5	646
19×1.0	0.6	2×0.2(0.3)	1.7	16.6	20.1	0.011	18.1	824
19×1.5	0.7	2×0.2(0.3)	1.7	19.2	23.1	0.011	12.1	1199
19×2.5	0.8	2×0.2(0.3)	1.7	22	26.6	0.01	7.41	1480
24×0.75	0.6	2×0.2(0.3)	1.7	18	21.7	0.012	24.5	776
24×1.0	0.6	2×0.2(0.3)	1.7	19.2	23.2	0.011	18.1	1001
24×1.5	0.7	2×0.2(0.3)	1.7	21.8	26.3	0.011	12.1	1376
24×2.5	0.8	2×0.2(0.3)	1.7	25.6	31	0.01	7.41	1590
27×0.75	0.6	2×0.2(0.3)	1.7	18.7	22.5	0.012	24.5	821
27×1.0	0.6	2×0.2(0.3)	1.7	19.5	23.6	0.011	18.1	1063
27×1.5	0.7	2×0.2(0.3)	1.7	22.2	26.8	0.011	12.1	1480
27×2.5	0.8	2×0.2(0.3)	1.7	26.1	31.6	0.01	7.41	1730
30×0.75	0.6	2×0.2(0.3)	1.7	19.2	23.2	0.012	24.5	833
30×1.0	0.6	2×0.2(0.3)	1.7	20.1	24.3	0.011	18.1	1550
30×1.5	0.7	2×0.2(0.3)	1.7	22.9	27.6	0.011	12.1	1808

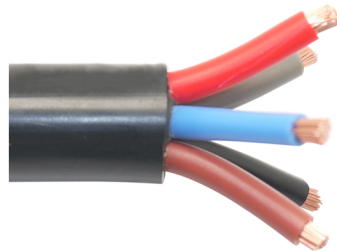
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Specifications

Cross×Nom cross-sectional area	Nom thickness of insulation	Nom thickness of CU/AL- Plastic tape	Nom thickness of sheath	Pitch diameter		Min resistance of insulation at 70°C	Max.D.C resistance of at 20°C	Approx weight
				min	max			
mm ²	mm	mm	mm			MΩ/km	MΩ/km	(kg/km)
30×2.5	0.8	2×0.2(0.3)	1.7	27	32.6	0.01	7.41	2050
37×0.75	0.6	2×0.2(0.3)	1.7	20.4	24.7	0.012	24.5	1013
37×1.0	0.6	2×0.2(0.3)	1.7	21.4	25.9	0.011	18.1	1331
37×1.5	0.7	2×0.2(0.3)	1.7	24.4	29.5	0.011	12.1	2139
37×2.5	0.8	2×0.2(0.3)	2	29.4	35.6	0.01	7.41	2370
44×0.75	0.6	2×0.2(0.3)	1.7	22.5	27.1	0.012	24.5	1120
44×1.0	0.6	2×0.2(0.3)	1.7	23.6	28.5	0.011	18.1	1584
44×1.5	0.7	2×0.2(0.3)	2	28	33.9	0.011	12.1	2320
44×2.5	0.8	2×0.5	2	33	39.9	0.01	7.41	2532
48×0.75	0.6	2×0.2(0.3)	1.7	22.8	27.5	0.012	24.5	1160
48×1.0	0.6	2×0.2(0.3)	1.7	24	28.9	0.011	18.1	1630
48×1.5	0.7	2×0.5	2	28.4	34.4	0.011	12.1	2530
48×2.5	0.8	2×0.5	2.2	33.5	40.5	0.01	7.41	2662
52×0.75	0.6	2×0.2(0.3)	1.7	23.3	28.2	0.012	24.5	1210
52×1.0	0.6	2×0.2(0.3)	1.7	24.5	29.6	0.011	18.1	1750
52×1.5	0.7	2×0.5	2	29.1	35.2	0.011	12.1	2580
52×2.5	0.8	2×0.5	2.2	35.5	42.9	0.01	7.41	2710
61×0.75	0.6	2×0.2(0.3)	1.7	24.5	29.6	0.012	24.5	1280
61×1.0	0.6	2×0.2(0.3)	1.7	26.2	31.7	0.011	18.1	1930
61×1.5	0.7	2×0.5	2	30.7	37.1	0.011	12.1	2770
61×2.5	0.8	2×0.5	2.2	37.4	45.2	0.01	7.41	3175

Type KVVR 450/750V Copper conductor PVC insulated
and sheathed flexible control cable



KVVR

ZR-KVVR

Name

KVVR: copper conductor PVC insulated flexible control cable

ZR-KVVR: copper conductor PVC insulated and sheathed flame
retardant flexible control cable

Application

Wiring environment apply to indoors use, sort of light and easy contact to everything,
if ZR type is needed, then flame retardant must be necessary.

Standards

International:EN 50525-2-11 and VDE0250

China: GB/T 9330-2008

Other standards such as IEC, BS, DIN and ICEA upon request

Specifications

Cross×Nom cross-sectional area	Nom thickness of insulation	Nom thickness of sheath	Pitch diameter		Min resistance of insulation at 70°C	Max.D.C resistance of at 20°C
			min	max		
mm ²	mm	mm			MΩ/km	MΩ/km
4×0.5	0.6	1.2	7.3	9.2	0.013	39
4×0.75	0.6	1.2	7.6	9.6	0.011	26
4×1.0	0.6	1.2	8	10	0.01	19.5
4×1.5	0.7	1.2	9	11.3	0.01	13.3
4×2.5	0.8	1.2	10.5	13.1	0.009	7.98
5×0.5	0.6	1.2	7.9	9.9	0.013	39
5×0.75	0.6	1.2	8.3	10.3	0.011	26
5×1.0	0.6	1.2	8.6	10.8	0.01	19.5
5×1.5	0.7	1.2	9.8	12.2	0.01	13.3
5×2.5	0.8	1.5	11.5	14.3	0.009	7.98
7×0.5	0.6	1.2	8.5	10.6	0.013	39
7×0.75	0.6	1.2	8.9	11.1	0.011	26
7×1.0	0.6	1.2	9.3	11.7	0.01	19.5
7×1.5	0.7	1.2	10.6	13.2	0.01	13.3
7×2.5	0.8	1.5	13.1	16.2	0.009	7.98
8×0.5	0.6	1.2	9.4	11.7	0.013	39
8×0.75	0.6	1.2	9.9	12.3	0.011	26
8×1.0	0.6	1.2	10.4	12.9	0.01	19.5
8×1.5	0.7	1.5	12.5	15.4	0.01	13.3
8×2.5	0.8	1.5	14.6	18	0.009	7.98
10×0.5	0.6	1.2	10.5	13.1	0.013	39
10×0.75	0.6	1.2	11.1	13.8	0.011	26
10×1.0	0.6	1.5	12.3	15.2	0.01	19.5
10×1.5	0.7	1.5	14	17.3	0.01	13.3
10×2.5	0.8	1.5	16.5	20.3	0.009	7.98
12×0.5	0.6	1.2	10.9	13.5	0.013	39
12×0.75	0.6	1.5	11.5	14.2	0.011	26
12×1.0	0.6	1.5	12.7	15.7	0.01	19.5
12×1.5	0.7	1.5	14.4	17.8	0.01	13.3
12×2.5	0.8	1.5	17	21	0.009	7.98
14×0.5	0.6	1.2	11.4	14.1	0.013	39
14×0.75	0.6	1.5	12.6	15.6	0.011	26
14×1.0	0.6	1.5	13.2	16.4	0.01	19.5
14×1.5	0.7	1.5	15.1	18.7	0.01	13.3

Specifications

Cross×Nom cross-sectional area	Nom thickness of insulation	Nom thickness of sheath	Pitch diameter		Min resistance of insulation at 70℃	Max.D.C resistance of at 20℃
			min	max		
mm ²	mm	mm			MΩ/km	MΩ/km
14×2.5	0.8	1.5	17.9	22	0.009	7.98
16×0.5	0.6	1.5	12.6	15.5	0.013	39
16×0.75	0.6	1.5	13.2	16.4	0.011	26
16×1.0	0.6	1.5	13.9	17.2	0.01	19.5
16×1.5	0.7	1.5	16	19.6	0.01	13.3
16×2.5	0.8	1.7	19.3	23.6	0.009	7.98
19×0.5	0.6	1.5	13.2	16.3	0.013	39
19×0.75	0.6	1.5	13.9	17.2	0.011	26
19×1.0	0.6	1.5	14.6	18	0.01	19.5
19×1.5	0.7	1.5	16.8	20.6	0.01	13.3
19×2.5	0.8	1.7	20.3	24.9	0.009	7.98
24×0.5	0.6	1.5	15.3	18.8	0.013	39
24×0.75	0.6	1.5	16.1	19.8	0.011	26
24×1.0	0.6	1.5	17	20.9	0.01	19.5
24×1.5	0.7	1.7	20	24.5	0.01	13.3
24×2.5	0.8	1.7	23.7	29	0.009	7.98
27×0.5	0.6	1.5	15.6	19.2	0.013	39
27×0.75	0.6	1.5	16.4	20.2	0.011	26
27×1.0	0.6	1.5	17.3	21.3	0.01	19.5
27×1.5	0.7	1.7	20.4	25	0.01	13.3
27×2.5	0.8	1.7	24.2	29.6	0.009	7.98
30×0.5	0.6	1.5	16.1	19.8	0.013	39
30×0.75	0.6	1.5	17	20.9	0.011	26
30×1.0	0.6	1.7	17.9	22	0.01	19.5
30×1.5	0.7	1.7	21.1	25.9	0.01	13.3
30×2.5	0.8	1.7	25.1	30.7	0.009	7.98
37×0.5	0.6	1.5	17.3	21.3	0.013	39
37×0.75	0.6	1.7	18.7	23	0.011	26
37×1.0	0.6	1.7	19.7	24.2	0.01	19.5
37×1.5	0.7	1.7	22.7	27.8	0.01	13.3
37×2.5	0.8	1.7	27.7	33.8	0.009	7.98
44×0.5	0.6	1.7	19.8	24.2	0.013	39
44×0.75	0.6	1.7	20.9	25.6	0.011	26
44×1.0	0.6	1.7	22.1	27	0.01	19.5

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Specifications

Cross×Nom cross-sectional area	Nom thickness of insulation	Nom thickness of sheath	Pitch diameter		Min resistance of insulation at 70℃	Max.D.C resistance of at 20℃
			min	max		
mm ²	mm	mm			MΩ/km	MΩ/km
44×1.5	0.7	1.7	25.5	31.2	0.01	13.3
44×2.5	0.8	2	31.1	37.9	0.009	7.98
48×0.5	0.6	1.7	20.1	24.6	0.013	39
48×0.75	0.6	1.7	21.2	26	0.011	26
48×1.0	0.6	1.7	22.4	27.5	0.01	19.5
48×1.5	0.7	1.7	25.9	31.7	0.01	13.3
48×2.5	0.8	2	31.6	38.5	0.009	7.98
52×0.5	0.6	1.7	20.6	25.3	0.013	39
52×0.75	0.6	1.7	21.8	26.7	0.011	26
52×1.0	0.6	1.7	23	28.2	0.01	19.5
52×1.5	0.7	1.7	26.7	32.6	0.01	13.3
52×2.5	0.8	2	32.9	40.1	0.009	7.98
61 × 0.5	0.6	1.7	21.8	26.7	0.013	39
61×0.75	0.6	1.7	23.1	28.3	0.011	26
61×1.0	0.6	1.7	24.4	29.9	0.01	19.5
61×1.5	0.7	2	28.9	35.3	0.01	13.3
61×2.5	0.8	2.2	34.9	42.5	0.009	7.98