VV-PVC cable

(1~5 core)

Nom. cross sec.areas of conductor	Single quantity of conductor	Insu. thick	Sheath thick	Approx. dia of cable	Cable approx. weight(kg/km)		D.C resistance(Ω/km)		Tes voltage(ac)
MM²		MM	MM	mm	Cu	Al	20℃ Cu	20℃ Al	kV/5min
1 x 1.5	1	0.8	1.4	6.1	50.7	41.3	12.1	-	3.5
1 x 2.5	1	0.8	1.4	6.5	63.5	47.9	7.41	12.1	3.5
1 x 4	1	1.0	1.4	7.4	87.7	63	4.61	7.41	3.5
1 x 6	1	1.0	1.4	7.9	111.0	75.9	3.08	4.61	3.5
1 x 10	7	1.0	1.4	9.2	166.6	93	1.83	3.02	3.5
1 x 16	7	1.0	1.4	10.3	233.3	132.2	1.15	1.91	3.5
1 x 25	7	1.2	1.4	12.0	344.9	185.4	0.727	1.20	3.5
1 x 35	7	1.2	1.4	13.2	449.8	228.7	0.524	0.868	3.5
1 x 50	19	1.4	1.4	14.9	590.5	289.8	0.524	0.641	3.5
1 x 70	19	1.4	1.4	16.7	807.3	374.2	0.268	0.443	3.5
1 x 95	37	1.6	1.5	19.3	1102.0	501.4	0.193	0.320	3.5
1 x 120	37	1.6	1.5	20.9	1349.0	590.3	0.153	0.253	3.5
1 x 150	37	1.8	1.6	23.1	1654.0	721.3	0.124	0.206	3.5
1 x 185	37	2.0	1.7	25.6	2060.0	891.6	0.0991	0.164	3.5
1 x 240	61	2.2	1.8	28.8	2651.0	1114.0	0.0754	0.125	3.5
1 x 300	61	2.4	1.9	31.9	3323.0	1396.0	0.0601	0.100	3.5
1 x 400	61	2.6	2.0	35.5	4205.0	1396.0	0.0470	0.0778	3.5
1 x 500	61	2.8	2.1	39.7	5359.0	2128.0	0.0366	0.0605	3.5
1 x 630	91	2.9	2.2	43.7	6707.0	2605.0	0.0283	0.0469	3.5
1 x 800	61	2.9	2.4	46.1	8064.0	3104.0	0.0221	0.0367	3.5
2 x 1.5	1	0.8	1.8	10.5	119	100	12.1	-	3.5
2 x 2.5	1	0.8	1.8	11.3	150	118	7.41	12.1	3.5
2 x 4	1	1.0	1.8	13.1	210	160	4.61	7.41	3.5
2 x 6	1	1.0	1.8	14.1	264	192	3.08	4.61	3.5
2 x 10	7	1.0	1.8	16.7	393	242	1.83	3.02	3.5
2 x 16	7	1.0	1.8	18.8	541	334	1.15	1.91	3.5
2 x 25	7	1.2	1.8	22.2	794	469	0.727	1.20	3.5
2 x 35	7	1.2	1.8	24.5	1037	585	0.524	0.868	3.5
2 x 50	19	1.4	1.8	21.8	1227	620	0.387	0.641	3.5
2 x 70	19	1.4	1.9	24.7	1650	747	0.268	0.443	3.5
2 x 95	19	1.6	2.0	29.2	2213	988	0.193	0.320	3.5
2 x 120	19	1.6	2.1	31.3	2733	1186	0.153	0.253	3.5
2 x 150	37	1.8	2.2	34.7	3393	1462	0.124	0.206	3.5
2 x 185	37	2.0	2.4	37.9	3943	1668	0.0991	0.164	3.5
2 x 240	61	2.2	2.4	44.3	5135	2168	0.0754	0.125	3.5
2 x 300	61	2.4	2.5	49.0	6436	2665	0.0601	0.100	3.5
2 x 400	61	2.6	2.8	56.0	8356	3320	0.0470	0.0778	3.5
3 x 1.5	1	0.8	1.8	10.9	142.0	113.0	12.1	-	3.5
3 x 2.5	1	0.8	1.8	11.8	187.0	139.0	7.41	12.1	3.5
3 x 4	1	1.0	1.8	13.7	265.0	189.0	4.61	7.41	3.5
3 x 6	1	1.0	1.8	14.8	335.0	227.0	3.08	4.64	3.5
3 x 10	7	1.0	1.8	17.6	514.0	290.0	1.83	3.02	3.5

SHANGHAI KMCABLE GROUP CO.,LTD
NO.699 XIAONAN RD,FENGXIAN DISTRICT
SHANGHAI 201400,CHINA

TEL:+86-21-60528967
WEB:WWW.KMCABLE.COM

VV-PVC cable

(1~5 core)

Nom. cross sec.areas of conductor	Single quantity of conductor	Insu. thick	Sheath thick	Approx. dia of cable	Cable approx. weight(kg/km)		D.C resistance(Ω/km)		Tes voltage(ac)
MM²		MM	MM	mm	Cu	Al	20℃ Cu	20℃ Al	kV/5min
3 x 16	7	1.2	1.8	19.9	728.0	419.0	1.15	1.91	3.5
3 x 25	7	1.2	1.8	23.6	1084.0	596.0	0.727	1.20	3.5
3 x 35	7	1.2	1.8	26.1	1422.0	745.0	0.524	0.868	3.5
3 x 50	19	1.4	1.8	26.5	1801.0	834.0	0.378	0.641	3.5
3 x 70	19	1.4	2.0	28.8	2415.0	1061.0	0.268	0.443	3.5
3 x 95	19	1.6	2.1	33.6	3205.0	1418.0	0.193	0.320	3.5
3 x 120	19	1.6	2.2	37.1	4037.0	1716.0	0.153	0.253	3.5
3 x 150	37	1.8	2.3	41.9	5028.0	2127.0	0.124	0.206	3.5
3 x 185	37	2.0	2.5	45.9	6180.0	2602.0	0.0991	0.164	3.5
3 x 240	37	2.2	2.7	51.8	7949.0	3308.0	0.0754	0.125	3.5
3 x 300	61	2.4	2.9	55.3	9780.0	3979.0	0.0601	0.100	3.5
3 x 400	61	2.6	3.0	60.6	12103.0	4869.0	0.0470	0.0778	3.5
4 x 2.5	1	0.8	1.8	12.7	232.0	169.0	7.41	12.1	3.5
4 x 4	1	1.0	1.8	14.9	322.0	221.0	4.61	7.41	3.5
4 x 6	1	1.0	1.8	16.1	422.0	271.0	3.08	4.61	3.5
4 x 10	7	1.0	1.8	19.2	649.0	388.0	1.83	3.02	3.5
4 x 16	7	1.0	1.8	21.7	922.0	509.0	1.15	1.91	3.5
4 x 25	7	1.2	1.8	25.9	1373.0	722.0	0.727	1.20	3.5
4 x 35	7	1.2	1.8	28.7	1802.0	899.0	0.524	0.868	3.5
4 x 50	19	1.4	1.9	33.9	2380.0	1091.0	0.387	0.641	3.5
4 x 70	19	1.4	2.1	39.7	3202.0	1398.0	0.268	0.443	3.5
4 x 95	19	1.6	2.2	44.2	4315.0	1866.0	0.193	0.320	3.5
4 x 120	19	1.8	2.4	48.7	5359.0	2265.0	0.153	0.253	3.5
4 x 150	37	2.0	2.5	53.5	6679.0	2811.0	0.124	0.206	3.5
4 x 185	37	2.2	2.7	55.4	8190.0	3420.0	0.0991	0.164	3.5
4 x 240	37	2.4	2.9	61.0	10494.0	4305.0	0.0754	0.125	3.5
4 x 300	61	2.4	3.0	61.0	12948.0	5388.0	0.0601	0.100	3.5
4 x 400	61	2.6	3.2	70.0	16788.0	6708.0	0.0470	0.0778	3.5
5 x 2.5	1	0.8	1.8	13.6	272.0	193.0	7.41	12.1	3.5
5 x 4	1	1.0	1.8	16.1	394.0	268.0	4.61	7.41	3.5
5 x 6	1	1.0	1.8	17.7	509.0	324.0	3.08	4.61	3.5
5 x 10	7	1.0	1.8	21.0	792.0	461.0	1.83	3.02	3.5
5 x 16	7	1.0	1.8	23.8	1124.0	608.1	1.15	1.91	3.5
5 x 25	7	1.2	1.8	28.7	1696.0	881.0	0.727	1.20	3.5
5 x 35	7	1.2	1.9	32.0	2241.0	1113.0	0.524	0.868	3.5
5 x 50	19	1.4	2.1	37.4	3158.0	1541.0	0.387	0.641	3.5
5 x 70	19	1.4	2.2	41.7	4236.0	1973.0	0.268	0.443	3.5
5 x 95	19	1.6	2.4	48.1	5685.0	2614.0	0.193	0.320	3.5
5 x 120	19	1.6	2.5	53.0	7662.0	3183.0	0.153	0.253	3.5
5 x 150	37	1.8	2.7	58.6	8743.0	3580.0	0.124	0.206	3.5
5 x 185	37	2.0	2.9	65.1	10801.0	4767.0	0.0991	0.164	3.5
5 x 240	37	2.2	3.1	72.1	13194.0	5461.0	0.0754	0.125	3.5

VV-PVC cable

(1~5 core)

Nom. cross sec.areas of conductor	Single quantity of conductor	Insu. thick	Sheath thick	Approx. dia of cable	Cable approx. weight(kg/km)		D.C resistance(Ω/km)		Tes voltage(ac)
MM²		MM	MM	mm	Cu	Al	20℃ Cu	20℃ Al	kV/5min
5 x 300	61	2.4	3.4	80.1	16414.0	6964.0	0.601	0.100	3.5
5 x 400	61	2.6	3.6	87.0	21164.0	8564.0	0.047	0.778	3.5

(3+1 3+2 4+1cores)

Nom. cross sec. areas of conductor	Single quantity of conductor		Insu. thick		Sheath thick	Approx. dia of cable	Cable approx. weight(kg/km)		D.C resistance(Ω/km)				Test voltage (ac)
MM²	Phase	Cipher	MM		MM	MM	Cu	Al	20℃	Cu	20℃	Al	kV/5min
3x4+1x2.5	1	1	1.0	0.8	1.8	14.3	254	211	4.61	7.41	7.41	12.1	3.5
3x6+1x4	1	1	1.0	1.0	1.8	15.8	400	265	3.08	4.61	4.61	7.41	3.5
3x10+1x6	7	1	1.0	1.0	1.8	18.5	595.0	334.0	1.83	3.08	3.02	4.61	3.5
3x16+1x10	7	7	1.0	1.0	1.8	21.1	853.0	467.0	1.15	1.83	1.91	3.02	3.5
3x25+1x16	7	7	1.2	1.0	1.8	24.9	1267.0	671.0	0.727	1.15	1.20	1.91	3.5
3x35+1x16	7	7	1.2	1.0	1.8	27.1	1591.0	806.0	0.524	1.15	0.868	1.91	3.5
3x50+1x25	19	7	1.4	1.2	1.9	30.4	2124.0	996.0	0.387	0.727	0.641	1.20	3.5
3x70+1x35	19	7	1.4	1.2	2.0	33.9	2851.0	1271.0	0.268	0.524	0.443	0.868	3.5
3x95+1x50	19	19	1.6	1.4	2.2	39.5	3844.0	1684.0	0.193	0.387	0.320	0.641	3.5
3x120+1x70	19	19	1.6	1.4	2.3	44.0	4833.0	2060.0	0.153	0.268	0.253	0.443	3.5
3x150+1x70	37	19	1.8	1.4	2.4	48.5	5841.0	2488.0	0.124	0.268	0.206	0.443	3.5
3x185+1x95	37	19	2.0	1.6	2.6	53.3	7246.0	3056.0	0.0991	0.193	0.164	0.320	3.5
3x240+1x120	37	37	2.2	1.6	3.1	55.0	9216.0	3801.0	0.754	0.153	0.125	0.253	3.5
3x300+1x150	37	61	2.4	1.6	3.1	59.8	11388.0	4769.0	0.0601	0.124	0.100	0.206	3.5
3x400+1x240	37	61	2.6	1.6	3.3	66.0	14562.0	5968.0	0.0470	0.0754	0.0778	0.125	35
3x4+2x2.5	1	1	1.0	0.8	1.8	15.2	345.0	238.0	4.61	7.41	7.41	12.1	3.5
3x6+2x4	1	1	1.0	1.0	1.8	17.1	463.0	288.0	3.08	4.61	4.61	7.41	3.5
3x10+2x6	7	1	1.0	1.0	1.8	19.7	680.0	407.0	1383	3.08	3.02	4.61	3.5
3x16+2x10	7	7	1.0	1.0	1.8	22.7	990.7	552.0	1.15	1.83	1.91	3.02	3.5
3x25+2x16	7	7	1.2	1.0	1.8	26.7	1468.0	773.0	0.727	1.15	1.20	1.91	3.5
3x35+2x16	7	7	1.2	1.0	1.8	29.0	1791.0	907.0	0.524	1.15	0.868	1.91	3.5
3x50+2x25	19	7	1.4	1.2	2.0	34.4	2573.0	1284.0	0.387	0.727	0.641	1.20	3.5
3x70+2x35	19	7	1.4	1.2	2.1	38.7	3464.0	1637.0	0.268	0.524	0.443	0.868	3.6
3x95+2x50	19	19	1.6	1.4	2.3	44.4	4697.0	2207.0	0.193	0.387	0.320	0.641	3.5
3x120+2x70	19	19	1.6	1.4	2.4	49.0	5935.0	2673.0	0.153	0.268	0.253	0.443	3.5
3x150+2x70	37	19	1.8	1.4	2.5	52.9	5968.0	3153.0	0.124	0.268	0.206	0.443	3.5
3x185+2x95	37	19	2.0	1.6	2.7	59.3	8554.0	3942.0	0.0991	0.193	0.164	0.320	3.5
3x240+2x120	37	37	2.2	1.6	2.9	66.6	11184.0	4978.0	0.0754	0.153	0.125	0.253	3.5
3x300+2x150	61	37	2.4	1.6	3.1	71.1	13719.0	6151.0	0.0601	0.124	0.100	0.206	3.5
3x400+2x240	61	37	2.6	1.6	3.3	78.2	18250.0	7666.0	0.0470	0.0754	0.0778	0.125	3.5
4x4+1x2.5	1	1	1.0	0.8	1.8	15.6	358.0	251.0	4.61	7.41	7.41	12.1	3.5
4x6+1x4	1	1	1.0	1.0	1.8	17.4	493.0	317.0	3.08	4.61	4.61	7.41	3.5
4x10+1x6	7	1	1.0	1.0	1.8	20.3	733.0	347.0	1.83	3.08	3.02	4.61	3.5
4x16+1x10	7	7	1.0	1.0	1.8	23.3	1118.0	588.0	1.15	1.83	1.91	3.02	3.5
4x25+1x16	7	7	1.2	1.0	1.8	27.6	1662.0	527.0	0.727	1.15	1.20	1.91	3.5
4x35+1x16	7	7	1.2	1.0	1.8	30.3	2046.0	1021.0	0.524	1.15	1.868	1.91	3.5
4x50+1x25	19	7	1.4	1.2	2.0	35.8	2820.0	1395.0	0.387	0.727	0.641	1.20	3.5
4x70+1x35	19	7	1.4	1.2	2.1	39.9	3782.0	1787.0	0.268	0.524	0.443	0.868	3.5
4x95+1x50	19	19	1.6	1.4	2.3	46.0	5088.0	2365.0	0.193	0.387	0.320	0.641	3.5
4x120+1x70	19	19	1.6	1.4	2.5	51.0	6394.0	2911.0	0.125	0.268	0.253	0.443	3.5
4x150+1x70	37	19	1.8	1.4	2.6	55.4	7725.0	3482.0	0.124	0.268	0.206	0.443	3.5
4x185+1x95	37	19	2.0	1.6	2.8	61.9	9894.0	4607.0	0.0991	0.193	0.164	0.320	3.5
4x240+1x120	37	37	2.2	1.6	3.0	69.7	12306.0	5466.0	0.0754	0.153	0.125	0.253	3.5
4x300+1x150	61	37	2.4	1.6	3.2	74.3	15397.0	6888.0	0.0601	0.124	0.100	0.206	3.5
4x400+1x240	61	37	2.6	1.6	3.4	79.1	19928.0	8366.0	0.0470	0.0754	0.0778	0.125	3.5