

YY PVC Control Cable (numbered cores)

Applications:

Control cable to connect equipment in production/assembly lines. Can be used between both fixed and mobile equipment

Plain annealed flexible copper

Numbered cores + Green / Yellow

PVC (Polyvinyl chloride)

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Grey RAL 7001

300/500v

Flexing: 15°C / + 80°C

Fixed: -40°C / + 80°C

6 x overall diameter

VDE0250: Insulated power cables. General specifications



Size sq.mm	No of cores	RT of insulatio mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	
0.5	2	0.5	3.9	5.5	40	
	2	0.5	4.3	5.9	50	37146
	2	0.5	4.6	6.2	55	37144
	2	0.5	5.2	6.8	80	37245
	2	0.5	6.4	8.4	135	37195
	2	0.8	8.4	10.4	197	37349
	2	0.8	9.8	12.0	225	37353
	2	1.0	12.4	14.8	460	37355
	2	1.0	14.6	17.2	610	-
	2	1.2	18.8	23.6	860	-
	3	.0.5	4.2	5.8	50	37128
	3	0.5	4.6	6.2	60	37002
	3	0.5	4.9	6.5	70	37110
	3	0.5	5.6	7.2	95	37098
	3	0.6	6.9	8.9	165	37151
	3	0.8	9.0	11.2	250	37192
	3	0.8	10.6	12.8	305	37266
	3	1.0	13.4	15.8	590	37358
	3	1.0	15.8	18.4	800	37296
	3	1.2	20.4	28.4	1400	-
	3	1.2	23.2	31.9	1840	-
	3	1.4	28.2	37.7	2550	-
	4	0.5	4.8	6.2	65	37294
	4	0.5	5.1	6.7	70	37222
	4	0.5	5.5	7.1	85	37162
	4	0.5	6.3	8.1	120	37102
	4	0.6	7.7	9.7	200	37189
	4	0.8	10.1	12.9	300	37265
	4	0.8	11.9	14.3	390	37075
	4	1.0	15.0	17.6	720	37182
	4	1.0	17.7	20.5	1000	-
	4	1.2	22.8	31.5	1800	-
4	1.2	26.0	35.3	2380	-	

Size sq.mm	No of cores	RT of insulatio mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	
50	4	1.4	31.6	41.7	3290	-
	4	1.4	35.2	46.2	4370	-
	4	1.6	40.2	52.7	5860	-
	4	1.6	45.9	58.6	7150	-
	5	0.5	5.1	6.7	70	37297
	5	0.5	5.7	7.3	85	37152
	5	0.5	6.1	7.7	100	37093
	5	0.5	7.0	9.0	150	37115
	5	0.6	8.6	10.8	255	37101
	5	0.8	11.3	13.7	355	37258
	5	0.8	13.2	15.6	470	37139
	5	1.0	16.7	19.5	865	37147
	5	1.0	19.7	22.7	1250	37096
	5	1.2	25.4	34.7	2220	37190
	5	1.2	29.0	38.9	2790	-
	7	0.5	5.7	7.3	80	37149
	7	0.5	6.3	7.9	105	37157
	7	0.5	6.7	8.3	125	37256
	7	0.5	7.8	9.8	185	37168
	7	0.6	9.6	11.8	305	37310
	7	0.8	12.6	15.2	440	37204
	7	0.8	14.7	17.3	625	37362
	10	0.5	7.8	9.4	120	37142
	10	0.5	8.6	10.2	150	37472
	10	0.5	9.2	10.8	180	37184
	10	0.5	10.4	12.6	270	37185
	10	0.5	12.8	15.2	357	37117
	12	0.5	8.1	9.7	140	37153
	12	0.5	8.9	10.5	175	37183
	12	0.5	9.6	11.8	220	37624
	12	0.5	10.8	13.0	305	37100
	12	0.5	13.3	15.7	535	37208
	18	0.5	9.4	12.0	220	37138
	18	0.5	10.5	13.0	280	37084
	18	0.5	11.4	14.0	350	37176
	18	0.5	12.9	15.5	460	37164
	18	0.5	16.8	20.7	760	37329
	21	0.5	10.7	13.3	260	37373
	21	0.5	11.9	14.5	330	37078
	21	0.5	12.9	15.5	400	37156
	21	0.5	14.6	17.8	560	37148
	21	0.5	19.0	22.9	870	-
	25	0.5	11.6	13.6	265	37205
	25	0.5	12.8	14.8	335	37620
	25	0.5	13.9	16.3	41	37187
	25	0.5	15.6	18.2	650	37213
	25	0.5	19.2	22.2	1070	37186
	34	0.5	13.2	15.8	385	37215
	34	0.5	14.7	17.9	530	37593
	34	0.5	16.0	19.7	660	37180
	34	0.5	18.1	21.9	880	37357

Size sq.mm	No of cores	RT of insulatio mm	Nominal diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	
2.5	34	0.5	23.5	28.0	1350	37331
	42	0.5	14.5	17.7	460	37301
	42	0.5	16.1	19.9	630	37311
	42	0.5	17.5	21.3	770	37254
	42	0.5	19.8	23.6	1034	37214
	42	0.5	25.7	30.8	1670	-
	50	0.5	15.9	18.5	515	37170
	50	0.5	17.8	20.7	680	37145
	50	0.5	19.3	22.1	830	37169
	50	0.5	21.7	24.9	1200	37141
	50	0.5	26.7	30.3	2000	-
	61	0.5	17.2	20.0	630	37302
	61	0.5	19.2	22.0	800	37000
	61	0.5	20.8	23.8	975	37314
	61	0.5	23.4	26.6	1430	37233
	61	0.5	28.8	32.6	2450	37333
	65	0.5	18.3	22.1	710	37307
	65	0.5	20.3	24.2	930	37312
	65	0.5	22.0	26.5	1180	-
	65	0.5	24.9	29.4	1590	37322
	65	0.5	32.5	38.2	2530	37340
	80	0.5	19.7	23.6	840	-
	80	0.5	21.9	26.4	1150	37313
	80	0.5	23.8	28.2	1400	-
	80	0.5	26.9	32.1	1780	37324
	80	0.5	35.0	40.8	3043	37348