

Flexible Control Cables



▶ APPLICATION

Suitable for use as signal and control cable for various industrial & engineering applications.

▶ HARMONISED CODE

H05VV5-F

▶ CONSTRUCTION

Conductor : Flexible Plain Copper Class 5 to BS6360/IEC60228/BSEN:60228

Insulation : PVC Type T12 to BSEN:50363-3

Lay-up : Cores twisted together, if necessary, in several concentric layers

Sheath : PVC Type TM5 to BSEN:50363-4-1



▶ STANDARD COLOURS

Colour Coding : Core identification by number coding in accordance with BSEN 50334 and earth core coloured Green/Yellow

Sheath : Generally Grey, other colours available on request

▶ PACKAGING

All sizes can be supplied in non-returnable wooden drums of 500m & 1000m

▶ TECHNICAL DATA

Max. Operating Temperature : 70°C

Rated Voltage : 300/500V

No. of Cores : 6 to 60

Specification : Generally to BS791917

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Flexible Control Cables



PVC INSULATED PVC SHEATHED FLEXIBLE CONTROL CABLE

No. of Cores	Conductor				Radial Thickness of Insulation (mm)	Radial Thickness of Sheath (mm)	Max. Overall Diameter (mm)	Approx. Nett Weight (kg/km)
	Nominal Cross-Sectional Area (mm ²)	Number of Strands	Diameter of Strand (mm)	Max. Resistance at 20°C (Ω/km)				
6	0.50	16	0.2	39	0.6	0.9	9.6	114
6	0.75	24	0.2	26	0.6	0.9	10.10	139
6	1.00	32	0.2	19.5	0.6	1.0	10.80	173
6	1.50	30	0.25	13.3	0.7	1.1	12.60	240
6	2.50	50	0.25	7.98	0.8	1.2	15.10	357
7	0.50	16	0.2	39	0.6	0.9	10.40	114
7	0.75	24	0.2	26	0.6	1.0	11.30	150
7	1.00	32	0.2	19.5	0.6	1.0	11.80	177
7	1.50	30	0.25	13.3	0.7	1.2	14.10	257
7	2.50	50	0.25	7.98	0.8	1.3	16.80	382
12	0.50	16	0.2	39	0.6	1.1	12.90	203
12	0.75	24	0.2	26	0.6	1.1	13.70	252
12	1.00	32	0.2	19.5	0.6	1.2	14.60	311
12	1.50	30	0.25	13.3	0.7	1.3	17.00	432
12	2.50	50	0.25	7.98	0.8	1.5	20.60	663
18	0.50	16	0.2	39	0.6	1.2	15.30	279
18	0.75	24	0.2	26	0.6	1.3	16.40	363
18	1.00	32	0.2	19.5	0.6	1.3	17.20	431
18	1.50	30	0.25	13.3	0.7	1.5	20.30	618
18	2.50	50	0.25	7.98	0.8	1.8	24.80	966
27	0.50	16	0.2	39	0.6	1.4	18.60	410
27	0.75	24	0.2	26	0.6	1.5	19.90	532
27	1.00	32	0.2	19.5	0.6	1.5	21.00	634
27	1.50	30	0.25	13.3	0.7	1.8	24.90	924
27	2.50	50	0.25	7.98	0.8	2.1	30.20	1430
36	0.50	16	0.2	39	0.6	1.5	20.90	516
36	0.75	24	0.2	26	0.6	1.6	22.40	679
36	1.00	32	0.2	19.5	0.6	1.7	23.80	824
36	1.50	30	0.25	13.3	0.7	2.0	28.20	1192
36	2.50	50	0.25	7.98	0.8	2.3	34.20	1841
48	0.50	16	0.2	39	0.6	1.7	24.30	690
48	0.75	24	0.2	26	0.6	1.8	25.90	895
48	1.00	32	0.2	19.5	0.6	1.9	27.60	1096
48	1.50	30	0.25	13.3	0.7	2.2	32.50	1576
48	2.50	50	0.25	7.98	0.8	2.4	39.10	2393
60	0.50	16	0.2	39	0.6	1.8	26.60	826
60	0.75	24	0.2	26	0.6	2.0	28.70	1098
60	1.00	32	0.2	19.5	0.6	2.1	30.50	1343
60	1.50	30	0.25	13.3	0.7	2.4	35.80	1923
60	2.50	50	0.25	7.98	0.8	2.4	42.60	2848