



▶ **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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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)	Product Code
	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	FC6C0.50
6	0.75	24	0.2	26	0.6	0.9	10.10	139	FC6C0.75
6	1.00	32	0.2	19.5	0.6	1.0	10.80	173	FC6C1.00
6	1.50	30	0.25	13.3	0.7	1.1	12.60	240	FC6C1.50
6	2.50	50	0.25	7.98	0.8	1.2	15.10	357	FC6C2.50
7	0.50	16	0.2	39	0.6	0.9	10.40	114	FC7C0.50
7	0.75	24	0.2	26	0.6	1.0	11.30	150	FC7C0.75
7	1.00	32	0.2	19.5	0.6	1.0	11.80	177	FC7C1.00
7	1.50	30	0.25	13.3	0.7	1.2	14.10	257	FC7C1.50
7	2.50	50	0.25	7.98	0.8	1.3	16.80	382	FC7C2.50
12	0.50	16	0.2	39	0.6	1.1	12.90	203	FC12C0.50
12	0.75	24	0.2	26	0.6	1.1	13.70	252	FC12C0.75
12	1.00	32	0.2	19.5	0.6	1.2	14.60	311	FC12C1.00
12	1.50	30	0.25	13.3	0.7	1.3	17.00	432	FC12C1.50
12	2.50	50	0.25	7.98	0.8	1.5	20.60	663	FC12C2.50
18	0.50	16	0.2	39	0.6	1.2	15.30	279	FC18C0.50
18	0.75	24	0.2	26	0.6	1.3	16.40	363	FC18C0.75
18	1.00	32	0.2	19.5	0.6	1.3	17.20	431	FC18C1.00
18	1.50	30	0.25	13.3	0.7	1.5	20.30	618	FC18C1.50
18	2.50	50	0.25	7.98	0.8	1.8	24.80	966	FC18C2.50
27	0.50	16	0.2	39	0.6	1.4	18.60	410	FC27C0.50
27	0.75	24	0.2	26	0.6	1.5	19.90	532	FC27C0.75
27	1.00	32	0.2	19.5	0.6	1.5	21.00	634	FC27C1.00
27	1.50	30	0.25	13.3	0.7	1.8	24.90	924	FC27C1.50
27	2.50	50	0.25	7.98	0.8	2.1	30.20	1430	FC27C2.50
36	0.50	16	0.2	39	0.6	1.5	20.90	516	FC36C0.50
36	0.75	24	0.2	26	0.6	1.6	22.40	679	FC36C0.75
36	1.00	32	0.2	19.5	0.6	1.7	23.80	824	FC36C1.00
36	1.50	30	0.25	13.3	0.7	2.0	28.20	1192	FC36C1.50
36	2.50	50	0.25	7.98	0.8	2.3	34.20	1841	FC36C2.50
48	0.50	16	0.2	39	0.6	1.7	24.30	690	FC48C0.50
48	0.75	24	0.2	26	0.6	1.8	25.90	895	FC48C0.75
48	1.00	32	0.2	19.5	0.6	1.9	27.60	1096	FC48C1.00
48	1.50	30	0.25	13.3	0.7	2.2	32.50	1576	FC48C1.50
48	2.50	50	0.25	7.98	0.8	2.4	39.10	2393	FC48C2.50
60	0.50	16	0.2	39	0.6	1.8	26.60	826	FC60C0.50
60	0.75	24	0.2	26	0.6	2.0	28.70	1098	FC60C0.75
60	1.00	32	0.2	19.5	0.6	2.1	30.50	1343	FC60C1.00
60	1.50	30	0.25	13.3	0.7	2.4	35.80	1923	FC60C1.50
60	2.50	50	0.25	7.98	0.8	2.4	42.60	2848	FC60C2.50