

Multicore PVC Insulated & Sheathed Flexible Cables

▶ APPLICATION

General purpose indoors or outdoors in dry or damp situations. Portable tools, washing machines, vacuum cleaners, lawn mowers and light domestic applications.

▶ HARMONISED CODE

H05VV-F / H07VV-F

▶ CONSTRUCTION

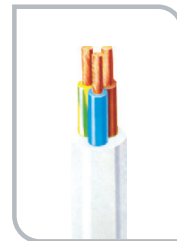
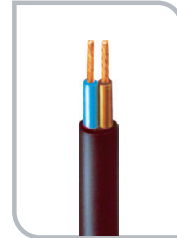
Reference : **BSEN:50525-2-11**

Conductor : **Flexible plain copper class 5 to BS6360/IEC60228/BSEN:60228**

Insulation : **PVC Type TI 2 to BSEN:50363-3**

Lay-up : **Cores are twisted**

Sheath : **PVC Type TM 2 to BSEN:50363-4-1**



▶ COLOUR CODING

Cores : 2-core- Brown, Blue
 3-core- Brown, Blue, Green/Yellow
 4-core- Brown, Black, Grey, Green/Yellow
 5-core- Brown, Black, Grey, Blue, Green/Yellow

Sheath : White, Black, Grey
 Other colours available on request

▶ PACKAGING

All sizes can be supplied in reels/coils of 100yards/100m or non-returnable wooden drums of 500m and 1000m

▶ TECHNICAL DATA

Max. Operating Temperature : **70C**

Rated Voltage : **0.5mm² to 4mm² – 300/500V**
6.0mm² to 25mm² – 450/750V

Standards : **BSEN:50525-2-11 (From 0.5mm² to 4mm² & Generally to BSEN:50525-2-11 above 4mm²)**

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No. of Cores	Conductor				Radial Thickness of Insulation (mm)	Radial Thickness of Sheath (mm)	Max. Overall Diameter (mm)	Approx. Nett Weight (kg/km)	Approx. Current Carrying Capacity (A)
	Nominal Cross-Sectional Area (mm ²)	Number of Strands	Diameter of Strand (mm)	Max. Resistance at 20°C (Ω/km)					
2	0.5	16	0.20	39.00	0.6	0.8	6.8	52	6
2	0.75	24	0.20	26.00	0.6	0.8	7.2	63	9
2	1.0	32	0.20	19.50	0.6	0.8	7.5	73	14
2	1.5	30	0.25	13.30	0.7	0.8	8.6	95	18
2	2.5	50	0.25	7.98	0.8	1.0	10.6	145	24
2	4.0	56	0.30	4.95	0.8	1.1	11.8	190	32
2	6.0	84	0.30	3.30	0.8	1.2	13.1	256	42
2	10.0	80	0.40	1.91	1.0	1.4	16.1	397	55
2	16.0	126	0.40	1.21	1.0	1.4	18.5	596	75
2	25.0	196	0.40	0.78	1.2	1.4	21.6	956	100
3	0.5	16	0.20	39.00	0.6	0.8	7.2	60	6
3	0.75	24	0.20	26.00	0.6	0.8	7.5	74	9
3	1.0	32	0.20	19.50	0.6	0.8	8.0	86	14
3	1.5	30	0.25	13.30	0.7	0.9	9.4	120	18
3	2.5	50	0.25	7.98	0.8	1.1	11.4	180	24
3	4.0	56	0.30	4.95	0.8	1.2	12.6	236	32
3	6.0	84	0.30	3.30	0.8	1.4	14.2	344	42
3	10.0	80	0.40	1.91	1.0	1.4	17.1	489	55
3	16.0	126	0.40	1.21	1.0	1.4	19.5	724	75
3	25.0	196	0.40	0.78	1.2	1.6	23.5	1154	100
4	0.5	16	0.20	39.00	0.6	0.8	7.9	72	6
4	0.75	24	0.20	26.00	0.6	0.8	8.3	83	9
4	1.0	32	0.20	19.50	0.6	0.9	9.0	101	14
4	1.5	30	0.25	13.30	0.7	1.0	10.5	141	18
4	2.5	50	0.25	7.98	0.8	1.1	12.5	214	24
4	4.0	56	0.30	4.95	0.8	1.4	14.0	286	32
4	6.0	84	0.30	3.30	0.8	1.4	15.5	411	42
4	10.0	80	0.40	1.91	1.0	1.4	18.6	637	55
4	16.0	126	0.40	1.21	1.0	1.4	21.5	988	75
4	25.0	196	0.40	0.78	1.2	1.6	25.7	1453	100
5	0.5	16	0.20	39.00	0.6	0.9	8.6	89	6
5	0.75	24	0.20	26.00	0.6	0.9	9.2	113	9
5	1.0	32	0.20	19.50	0.6	0.9	9.6	130	14
5	1.5	30	0.25	13.30	0.7	1.0	11.2	171	18
5	2.5	50	0.25	7.98	0.8	1.2	13.4	265	24
5	4.0	56	0.30	4.95	0.8	1.4	15.4	353	32
5	6.0	84	0.30	3.30	0.8	1.4	16.5	506	42
5	10.0	80	0.40	1.91	1.0	1.4	20.6	815	55
5	16.0	126	0.40	1.21	1.0	1.6	24.0	1202	75
5	25.0	196	0.40	0.78	1.2	1.6	28.6	1818	100