

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 & light domestics applications.

Harmonised Code

H05VV-F

Colour Coding

Cores : 2-core-Brown, Blue
 : 3-core-Brown, Blue, Green/Yellow
 : 4-core Brown, Black, Grey,Blue,Green/Yellow
 : 5-core-Brown, Black, Grey,Blue,Green/Yellow
 Sheath : White,Black,Grey
 : Other colour available on request

Construction

Reference : 0.5mm to 4mm - 318-Y & 6.0mm to 25mm - 638 - Y
 Conductor : Flexible plain copper class 5 to BS6360/IEC60228-1
 Insulation : pvc Type TI 2 to BS7655
 Lay-up : Cores are twisted
 Sheath : PVC Type TM 2 to BS7655

Packaging

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

Technical Data

Max.Operating Temperature : 70C
 Rated Voltage : 0.5mm to 4mm - 300/500V
 Standards : BS6500/BS7919



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)	Product Code
	Naminal Cross Sectional Area (mm ²)	Number of Strands	Diameter of Stand (mm)	Max. Resistance at 20 C (Ω /km)						
2	0.5	16	0.20	39.00	0.6	0.8	6.8	52	6	JFC2C0.5
2	0.75	24	0.20	26.00	0.6	0.8	7.2	63	9	JFC2C0.75
2	1.0	32	0.20	19.50	0.6	0.8	7.5	73	14	JFC2C1.0
2	1.5	30	0.25	13.30	0.7	0.8	8.6	95	18	JFC2C1.5
2	2.5	50	0.25	7.98	0.8	1.0	10.6	145	24	JFC2C2.5
2	4.0	56	0.30	4.95	0.8	1.1	11.8	190	32	JFC2C4.0
2	6.0	84	0.30	3.30	0.8	1.2	13.1	256	42	JFC2C6.0
2	10.0	80	0.40	1.91	1.0	1.4	16.1	397	55	JFC2C10.0
2	16.0	126	0.40	1.21	1.0	1.4	18.5	596	75	JFC2C16.0
2	25.0	196	0.40	0.78	1.2	1.4	21.6	956	100	JFC2C25.0
3	0.5	16	0.20	39.00	0.6	0.8	7.2	60	6	JFC3C0.5
3	0.75	24	0.20	26.00	0.6	0.8	7.5	74	9	JFC3C0.75
3	1.0	32	0.20	19.50	0.6	0.8	8.0	86	14	JFC3C1.0
3	1.5	30	0.25	13.30	0.7	0.9	9.4	120	18	JFC3C1.5
3	2.5	50	0.25	7.98	0.8	1.1	11.4	180	24	JFC3C2.5
3	4.0	56	0.30	4.95	0.8	1.2	12.6	236	32	JFC3C4.0
3	6.0	84	0.30	3.30	0.8	1.4	14.2	344	42	JFC3C6.0
3	10.0	80	0.40	1.91	1.0	1.4	17.1	489	55	JFC3C10.0
3	16.0	126	0.40	1.21	1.0	1.4	19.5	724	75	JFC3C16.0
3	25.0	196	0.40	0.78	1.2	1.6	23.5	1154	100	JFC3C25.0
4	0.5	16	0.20	39.00	0.6	0.8	7.9	72	6	JFC4C0.5
4	0.75	24	0.20	26.00	0.6	0.8	8.3	83	9	JFC4C0.75
4	1.0	32	0.20	19.50	0.6	0.9	9.0	101	14	JFC4C1.0
4	1.5	30	0.25	13.30	0.7	1.0	10.5	141	18	JFC4C1.5
4	2.5	50	0.25	7.98	0.8	1.1	12.5	214	24	JFC4C2.5
4	4.0	56	0.30	4.95	0.8	1.4	14.0	286	32	JFC4C4.0
4	6.0	84	0.30	3.30	0.8	1.4	15.5	411	42	JFC4C6.0
4	10.0	80	0.40	1.91	1.0	1.4	18.6	637	55	JFC4C10.0
4	16.0	126	0.40	1.21	1.0	1.4	21.5	988	75	JFC4C16.0
4	25.0	196	0.40	0.78	1.2	1.6	25.7	1453	100	JFC4C25.0
5	0.5	16	0.20	39.00	0.6	0.9	8.6	89	6	JFC5C0.5
5	0.75	24	0.20	26.00	0.6	0.9	9.2	113	9	JFC5C0.75
5	1.0	32	0.20	19.50	0.6	0.9	9.6	130	14	JFC5C1.0
5	1.5	30	0.25	13.30	0.7	1.0	11.2	171	18	JFC5C1.5
5	2.5	50	0.25	7.98	0.8	1.2	13.4	265	24	JFC5C2.5
5	4.0	56	0.30	4.95	0.8	1.4	15.4	353	32	JFC5C4.0
5	6.0	84	0.30	3.30	0.8	1.4	16.5	506	42	JFC5C6.0
5	10.0	80	0.40	1.91	1.0	1.4	20.6	815	55	JFC5C10.0
5	16.0	126	0.40	1.21	1.0	1.6	24.0	1202	75	JFC5C16.0
5	25.0	196	0.40	0.78	1.2	1.6	28.6	1818	100	JFC5C25.0

