

Number of Cores	Nominal Area of Conductor	Approx. Overall Diameter	Approx. Weight
No.	mm ²	mm	Kg / Km
1*	50 cm	18.6	805
	70 cm	21.2	1105
	95 cm	23.2	1400
	120 cm	24.6	1687
	150 cm	27.5	2080
	185 cm	29.9	2530
	240 rm	34.3	3210
	300 rm	36.9	3890
	400 rm	41.3	4970
	500 rm	45.6	6080
	630 rm	50.2	7620
	800 rm	56.6	9720
	1000 rm	62.0	11960
2	1.5 rm	14.0	385
	2.5 rm	15.2	445
	4 rm	15.9	525
	6 rm	17.0	620
	10 rm	19.2	725
	16 rm	22.2	1090
	25 cm	24.9	1375
	35 cm	28.1	1830
	50 cm	31.9	2300
	70 cm	36.0	2995
	3	1.5 rm	14.5
2.5 rm		16.0	495
4 rm		16.6	600
6 rm		18.0	785
10 rm		21.0	1030
16 rm		23.5	1340
25 cm		27.5	1900
35 cm		30.3	2320
50 cm		33.5	2880
70 sm		33.9	3520
95 sm		39.2	4800
120 sm		42.9	5690
150 sm		48.3	7260
185 sm		52.7	8970
240 sm		58.1	10800
300 sm	61.6	12950	
400 sm	77.8	16400	
4	1.5 rm	15.4	475
	2.5 rm	16.8	570
	4 rm	17.8	685
	6 rm	20.5	940
	10 rm	22.5	1220
	16 rm	25.5	1420
	25 cm	29.8	2290
	35 cm	32.7	2810
	50 cm	36.6	3530
	70 sm	40.2	4780
	95 sm	45.6	6140
	120 sm	51.2	7860
	150 sm	54.6	9200
	185 sm	61.2	11130
	240 sm	68.5	13940
300 sm	72.0	16540	
400 sm	88.9	22000	
5 (Colour)	1.5 rm	16.4	530
	2.5 rm	18.0	640
	4 rm	19.9	855
	6 rm	21.3	1240
	10 rm	24.4	1330
	16 rm	29.8	2090
	25 cm	32.5	2730
	35 cm	35.8	3250
	50 cm	42.1	4610
	70 cm	47.0	6050
	95 cm	53.7	7250
	120 cm	59.4	9600
7	1.5 rm	17.4	615
10		20.5	890
12		21.8	985
19		25.4	1310
27		30.0	1865
37		33.6	2275
7		2.5 rm	19.2
10	22.7		1100
12	24.0		1250
19	29.5		1800
27	33.8		2380
37	37.5		2910
7	4 rm		21.3
10		24.8	1400
12		27.0	1715
19		31.8	2320
27		36.8	2965
rm : Stranded Circular Non-Compacted		sm : Stranded Shaped	
cm : Stranded Circular Compacted			
Note :			
The weight of FR-200A cables are tabulated in the table. For FR-300A cables, add 1.5 - 2.5% for 1C to 4C and 3.0 - 5.0% for 5C & above to the approx. weights.			
* = Single core cables are aluminium wires armoured. All dimensions of the single core cables are adopted from BS 6724.			