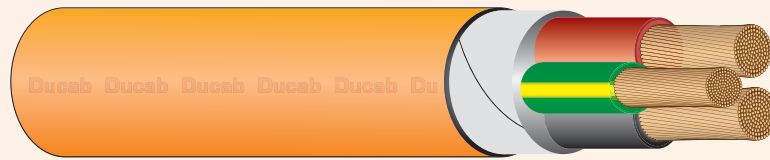


MULTICORE CIRCULAR - CU/PVC/PVC to AS/NZS 5000.1



2 , 3 and 4 cores + earth, circular, 0.6/1 kV as per AS/NZS 5000.1

- * **Conductor** : Copper class 2 stranded /compacted as per AS/NZS 1125
- * **Insulation**: PVC (V-90 / V-90HT) as per AS/NZS 3808
- * **Outer Sheath**: PVC (5V-90)
- * **Operating Temperature**: 90°C
- * **Current rating shall be as per AS/NZS 3008.1.1**

Core identification:	2C+E	Red, Black, Green/Yellow
	3C+E	Red, White, Blue, Green/Yellow
	4C+E	Red, White, Blue, Black, Green/Yellow

Sheath Colour : Orange or other colour as per client request

Nominal Conductor Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Earth Conductor Area	Approximate Overall Diameter	Approximate Weight
mm ²	mm	mm	mm ²	mm	kg/km
2C + E					
1.5	0.8	1.8	1.5	10	140
2.5	0.8	1.8	2.5	10.9	175
4	1	1.8	2.5	12.9	235
6	1	1.8	2.5	14.1	285
10	1	1.8	4	16.1	405
16	1	1.8	6	18	570
25	1.2	1.8	6	21.7	805
35	1.2	1.8	10	24.1	1060
50	1.4	1.8	16	27.2	1415
70	1.4	1.8	25	30.9	1960
95	1.6	1.9	25	35.1	2555
120	1.6	2	35	38.5	3175
150	1.8	2.1	50	42.8	3935
185	2	2.3	70	47.5	4990
240	2.2	2.5	95	53.4	6525
300	2.4	2.6	120	59.7	8120

Nominal Conductor Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Earth Conductor Area	Approximate Overall Diameter	Approximate Weight
mm ²	mm	mm	mm ²	mm	kg/km
3C + E					
1.5	0.8	1.8	1.5	10.9	170
2.5	0.8	1.8	2.5	11.9	215
4	1	1.8	2.5	14.1	295
6	1	1.8	2.5	15.5	370
10	1	1.8	4	17.7	530
16	1	1.8	6	19.8	755
25	1.2	1.8	6	23.9	1095
35	1.2	1.8	10	26.6	1445
50	1.4	1.8	16	30.1	1930
70	1.4	1.9	25	34.3	2690
95	1.6	2.1	25	39.3	3570
120	1.6	2.2	35	43.1	4425
150	1.8	2.3	50	47.9	5470
185	2	2.5	70	53.1	6910
240	2.2	2.7	95	59.8	9020
300	2.4	2.9	120	67	11265
4C + E					
1.5	0.8	1.8	1.5	11.8	200
2.5	0.8	1.8	2.5	12.9	260
4	1	1.8	2.5	15.4	360
6	1	1.8	2.5	16.9	455
10	1	1.8	4	19.4	660
16	1	1.8	6	21.8	950
25	1.2	1.8	6	26.4	1390
35	1.2	1.8	10	29.3	1840
50	1.4	1.9	16	33.3	2475
70	1.4	2.1	25	38.3	3460
95	1.6	2.2	25	43.7	4600
120	1.6	2.4	35	48.1	5725
150	1.8	2.5	50	53.3	7060
185	2	2.7	70	59.1	8885
240	2.2	2.9	95	66.6	11590
300	2.4	3.1	120	74.4	14470