

## Single Core, P. V. C Insulated Cables With Flexible Copper Conductors

### ***Description :***

*Single core Flexible copper conductor P.V.C. insulated .*

### ***Applicable standards :***

*IEC 60227*

*IEC 60228*

*Egyptian standard 182 .*

*Egyptian standard 2948 .*

### ***Conductors :***

*Annealed Flexible copper conductor in accordance with  
IEC60228-Class (5) and Egyptian standard 2948 Class (5).*

### ***Insulation :***

*- Conductor shall be insulated with polyveinylchloride (p.v.c.)  
meeting the requirements of applicable standard .*

### ***Applications :***

*- These cables are named battery cables because of their high  
flexibility .*

*- These cables are used in wiring system of cars and for all  
household equipments .*

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Conductor Size (mm) <sup>2</sup>	No. of strands X Diam (mm)	Insulation Thickness (mm)	Overall diameter ( approx. ) (mm)	Cable weight (approx.) (Kg/ Km)
0.5	16 x 0.20	0.6	1.8	8
0.5	7 x 0.30	0.6	1.8	8
0.75	24 x 0.20	0.7	2.45	12.2
0.75	11 x 0.30	0.7	2.45	12.2
1	32 x 0.20	0.7	2.75	16.1
1	14 x 0.30	0.7	2.75	16.1
1.5	21 x 0.30	0.7	3	21.2
2	28 x 0.30	0.7	3.25	25.9
2.5	35 x 0.30	0.8	3.7	33.7
3	42 x 0.30	0.8	4	40
3	45 x 0.30	0.8	4.05	41.5
4	56 x 0.30	0.8	4.25	49.5
6	84 x 0.30	0.9	5.1	72.6
10	140 x 0.30	1.1	7.4	122
16	224 x 0.30	1.1	8.2	193
25	350 x 0.30	1.3	10.1	304.3
35	490 x 0.30	1.3	12.1	424
50	700 x 0.30	1.4	13.3	567
70	980 x 0.30	1.4	15.4	761
95	1330 x 0.30	1.5	17.7	1036
120	1680 x 0.30	1.6	19.4	1267
150	2100 x 0.30	1.8	24.1	1603
185	2500 x 0.30	2	26.5	1995
240	3360 x 0.30	2.2	30	2560
300	4200 x 0.30	2.4	32.8	3260